# Appendix C

## Laboratory Reports, Fourth Quarter 2025

For additional help with the information provided in the laboratory reports, please contact Erin Somers, Arcadis Report Lead, at 905-807-6126.

November 28, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078800

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 10, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078800

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for sample N078800-005 due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Iron in QC sample N078875-010CMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Iron in QC samples N078875-011CMS and N078875-011CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) is outside criteria for Iron ; however, the associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Barium in QC sample N078875-010CMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) is outside recovery criteria for Barium in QC sample N078875-011CMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *28-Nov-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078800
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078800-001A | PT5D-Q425 | Groundwater | 11/10/2025 1:04:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-001B | PT5D-Q425 | Groundwater | 11/10/2025 1:04:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-001C | PT5D-Q425 | Groundwater | 11/10/2025 1:04:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-001D | PT5D-Q425 | Groundwater | 11/10/2025 1:04:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-002A | PT5M-Q425 | Groundwater | 11/10/2025 1:29:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-002B | PT5M-Q425 | Groundwater | 11/10/2025 1:29:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-002C | PT5M-Q425 | Groundwater | 11/10/2025 1:29:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-002D | PT5M-Q425 | Groundwater | 11/10/2025 1:29:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-003A | PT5S-Q425 | Groundwater | 11/10/2025 1:53:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-003B | PT5S-Q425 | Groundwater | 11/10/2025 1:53:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-003C | PT5S-Q425 | Groundwater | 11/10/2025 1:53:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-003D | PT5S-Q425 | Groundwater | 11/10/2025 1:53:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-004A | EB-707-Q425 | Groundwater | 11/10/2025 2:03:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-005A | MW-77-102-Q425 | Groundwater | 11/10/2025 1:54:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-005B | MW-77-102-Q425 | Groundwater | 11/10/2025 1:54:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-005C | MW-77-102-Q425 | Groundwater | 11/10/2025 1:54:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-005D | MW-77-102-Q425 | Groundwater | 11/10/2025 1:54:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-006A | MW-77-158-Q425 | Groundwater | 11/10/2025 1:12:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-006B | MW-77-158-Q425 | Groundwater | 11/10/2025 1:12:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-006C | MW-77-158-Q425 | Groundwater | 11/10/2025 1:12:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-006D | MW-77-158-Q425 | Groundwater | 11/10/2025 1:12:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-007A | MW-77-187-Q425 | Groundwater | 11/10/2025 12:31:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-007B | MW-77-187-Q425 | Groundwater | 11/10/2025 12:31:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-007C | MW-77-187-Q425 | Groundwater | 11/10/2025 12:31:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-007D | MW-77-187-Q425 | Groundwater | 11/10/2025 12:31:00 PM | 11/10/2025 | 11/28/2025 |
| N078800-008A | EB-708-Q425 | Groundwater | 11/10/2025 2:49:00 PM | 11/10/2025 | 11/28/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:04:00 PM |
| **Lab ID:** | N078800-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 25 | 0.39 | 2.0 | | µg/L | 10 | 11/17/2025 01:17 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 25 | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 06:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5M-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:29:00 PM |
| **Lab ID:** | N078800-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 09:01 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 06:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5S-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:53:00 PM |
| **Lab ID:** | N078800-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 02:36 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 07:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-707-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 2:03:00 PM |
| **Lab ID:** | N078800-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 07:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-102-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:54:00 PM |
| **Lab ID:** | N078800-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/17/2025 09:58 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 07:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-158-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:12:00 PM |
| **Lab ID:** | N078800-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 03:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 07:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 12:31:00 PM |
| **Lab ID:** | N078800-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 05:17 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125246** PrepDate: **11/17/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 07:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-708-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 2:49:00 PM |
| **Lab ID:** | N078800-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 07:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210549** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199459** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210549** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199460** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.680 | 0.039 | 0.20 | 5.000 | 0 | 93.6 | 90 | 110 | | | | |

| Sample ID: **N078800-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199462** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 73.462 | 0.39 | 2.0 | 50.00 | 25.30 | 96.3 | 90 | 110 | | | | |

| Sample ID: **N078800-001AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199463** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 71.093 | 0.39 | 2.0 | 50.00 | 25.30 | 91.6 | 90 | 110 | 73.46 | 3.28 | 20 | |

| Sample ID: **N078819-008ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199465** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1216.340 | 7.7 | 40 | | | | | | 1216 | 0.0263 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078819-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199466**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2186.700 | 7.7 | 40 | 1000 | 1216 | 97.1 | 90 | 110 | | | | |

Sample ID: **N078800-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199470**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.053 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID: **N078800-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199472**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.058 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID: **N078819-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199474**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.193 | 0.039 | 0.20 | 1.000 | 0.1083 | 109 | 90 | 110 | | | | |

Sample ID: **N078819-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199476**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 36.842 | 0.19 | 1.0 | 25.00 | 11.45 | 102 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078819-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199478**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 495.990 | 1.9 | 10 | 250.0 | 244.0 | 101 | 90 | 110 | | | | |

Sample ID: **N078819-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199482**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1995.240 | 7.7 | 40 | 1000 | 986.2 | 101 | 90 | 110 | | | | |

Sample ID: **N078800-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199483**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.972 | 0.039 | 0.20 | 1.000 | 0 | 97.2 | 90 | 110 | | | | |

Sample ID: **N078819-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199486**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.951 | 0.039 | 0.20 | 1.000 | 0 | 95.1 | 90 | 110 | | | | |

Sample ID: **N078819-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199490**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.231 | 0.039 | 0.20 | 1.000 | 0.2327 | 99.8 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078819-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199492**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID: **N078800-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199494**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.120 | 0.039 | 0.20 | 1.000 | 0.1208 | 99.9 | 90 | 110 | | | | |

Sample ID: **N078800-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199496**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.126 | 0.039 | 0.20 | 1.000 | 0.08270 | 104 | 90 | 110 | | | | |

Sample ID: **N078819-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199498**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.134 | 0.039 | 0.20 | 1.000 | 0.09030 | 104 | 90 | 110 | | | | |

Sample ID: **N078819-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199502**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.112 | 0.039 | 0.20 | 1.000 | 0.08370 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N078800-002AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199504** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.922 | 0.039 | 0.20 | 1.000 | 0 | 92.2 | 90 | 110 | | | | |

| Sample ID: **N078800-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210549** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210549** | TestNo: **EPA 218.6** | | Analysis Date: **11/17/2025** | SeqNo: **7199506** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.474 | 0.19 | 1.0 | 5.000 | 0 | 109 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125246** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/17/2025** | RunNo: **210982** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125246** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/25/2025** | SeqNo: **7225570** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125246** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/17/2025** | RunNo: **210982** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125246** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/25/2025** | SeqNo: **7225571** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.308 | 0.13 | 1.0 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N078875-010CMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/17/2025** | RunNo: **210982** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125246** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/25/2025** | SeqNo: **7225601** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.276 | 0.13 | 1.0 | 10.00 | 0.2835 | 99.9 | 75 | 125 | | | | |

| Sample ID: **N078875-010CMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/17/2025** | RunNo: **210982** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125246** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/25/2025** | SeqNo: **7225602** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.062 | 0.13 | 1.0 | 10.00 | 0.2835 | 97.8 | 75 | 125 | 10.28 | 2.11 | 20 | |

| Sample ID: **N078875-011CMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/17/2025** | RunNo: **210982** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125246** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/25/2025** | SeqNo: **7225608** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.623 | 0.13 | 1.0 | 10.00 | 0.2201 | 94.0 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N078875-011CMSD** SampType: **MSD** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210982**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225609**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.226 | 0.13 | 1.0 | 10.00 | 0.2201 | 90.1 | 75 | 125 | 9.623 | 4.22 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N078875-010C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210982**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225600**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.286 | 0.13 | 1.0 | 10.00 | 0.2835 | 100 | 80 | 120 | | | | |

Sample ID: **N078875-011C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210982**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225607**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 8.993 | 0.13 | 1.0 | 10.00 | 0.2201 | 87.7 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078800
Test Method: EPA 6020
Analysis Date: 11/25/2025

Matrix: Groundwater
Batch No.: 125246

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Cr & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078875-010C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2835262 | 100.00% | 10 |
| N078875-011C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2201366 | 100.00% | 10 |

11/28/2025

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** PT5D-Q425
**Lab Order:** N078800
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/10/2025 1:04:00 PM
**Lab ID:** N078800-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** QC Batch: **R210494** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 530 | 34 | 50 | | mg/L | 100 | 11/16/2025 10:20 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251111A** QC Batch: **R210238** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/11/2025 09:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5M-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:29:00 PM |
| **Lab ID:** | N078800-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251111A** | QC Batch: **R210238** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/11/2025 09:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5S-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:53:00 PM |
| **Lab ID:** | N078800-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251111A** | QC Batch: **R210238** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/11/2025 09:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-102-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:54:00 PM |
| **Lab ID:** | N078800-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251111A** | QC Batch: **R210238** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/11/2025 09:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-158-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:12:00 PM |
| **Lab ID:** | N078800-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251111A** | QC Batch: **R210238** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/11/2025 10:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 12:31:00 PM |
| **Lab ID:** | N078800-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC9_251116B** QC Batch: **R210494** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 300 | 17 | 25 | | mg/L | 50 | 11/16/2025 10:53 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC9_251111A** QC Batch: **R210238** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/11/2025 10:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R210494_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **210494** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210494** | TestNo: **EPA 300.0** | | Analysis Date: **11/16/2025** | SeqNo: **7196059** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R210494_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **210494** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210494** | TestNo: **EPA 300.0** | | Analysis Date: **11/16/2025** | SeqNo: **7196060** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.868 | 0.34 | 0.50 | 4.000 | 0 | 96.7 | 90 | 110 | | | | |

| Sample ID: **N078875-010BMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **210494** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210494** | TestNo: **EPA 300.0** | | Analysis Date: **11/17/2025** | SeqNo: **7196079** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 567.350 | 17 | 25 | 200.0 | 376.0 | 95.7 | 80 | 120 | | | | |

| Sample ID: **N078875-010BMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **210494** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210494** | TestNo: **EPA 300.0** | | Analysis Date: **11/17/2025** | SeqNo: **7196080** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 563.930 | 17 | 25 | 200.0 | 376.0 | 94.0 | 80 | 120 | 567.4 | 0.605 | 20 | |

| Sample ID: **N078875-011BMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **210494** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210494** | TestNo: **EPA 300.0** | | Analysis Date: **11/17/2025** | SeqNo: **7196082** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 576.320 | 17 | 25 | 200.0 | 383.1 | 96.6 | 80 | 120 | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **N078875-011BMSD** SampType: **MSD** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **210494**
Client ID: **ZZZZZZ** Batch ID: **R210494** TestNo: **EPA 300.0** Analysis Date: **11/17/2025** SeqNo: **7196083**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 577.250 | 17 | 25 | 200.0 | 383.1 | 97.1 | 80 | 120 | 576.3 | 0.161 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **MB-R210238_NO3** | SampType: **MBLK** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210238** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210238** | TestNo: **EPA 300.0** | | Analysis Date: **11/11/2025** | SeqNo: **7180134** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID: **LCS-R210238_NO3** | SampType: **LCS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210238** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210238** | TestNo: **EPA 300.0** | | Analysis Date: **11/11/2025** | SeqNo: **7180135** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.257 | 0.024 | 0.050 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N078794-004DDUP** | SampType: **DUP** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210238** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210238** | TestNo: **EPA 300.0** | | Analysis Date: **11/11/2025** | SeqNo: **7180137** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 14.868 | 0.48 | 1.0 | | | | | | 14.76 | 0.743 | 20 | |

| Sample ID: **N078794-004DMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210238** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210238** | TestNo: **EPA 300.0** | | Analysis Date: **11/11/2025** | SeqNo: **7180138** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 39.786 | 0.48 | 1.0 | 25.00 | 14.76 | 100 | 80 | 120 | | | | |

| Sample ID: **N078794-004DMSD** | SampType: **MSD** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210238** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210238** | TestNo: **EPA 300.0** | | Analysis Date: **11/11/2025** | SeqNo: **7180139** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 40.236 | 0.48 | 1.0 | 25.00 | 14.76 | 102 | 80 | 120 | 39.79 | 1.12 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **N078817-003CMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210238**
Client ID: **ZZZZZZ** Batch ID: **R210238** TestNo: **EPA 300.0** Analysis Date: **11/12/2025** SeqNo: **7180151**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 18.281 | 0.24 | 0.50 | 12.50 | 5.824 | 99.7 | 80 | 120 | | | | |

Sample ID: **N078817-003CMSD** SampType: **MSD** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210238**
Client ID: **ZZZZZZ** Batch ID: **R210238** TestNo: **EPA 300.0** Analysis Date: **11/12/2025** SeqNo: **7180152**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 18.458 | 0.24 | 0.50 | 12.50 | 5.824 | 101 | 80 | 120 | 18.28 | 0.964 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:04:00 PM |
| **Lab ID:** | N078800-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 04:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5M-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:29:00 PM |
| **Lab ID:** | N078800-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 05:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5S-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:53:00 PM |
| **Lab ID:** | N078800-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 4.8 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 05:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-102-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:54:00 PM |
| **Lab ID:** | N078800-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.1 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 05:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-158-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:12:00 PM |
| **Lab ID:** | N078800-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 05:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 12:31:00 PM |
| **Lab ID:** | N078800-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 06:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID: **LCS-125186** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189724** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.889 | 0.090 | 1.0 | 5.000 | 0 | 97.8 | 85 | 115 | | | | |

| Sample ID: **MB-125186** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189726** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID: **N078800-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189728** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.432 | 0.090 | 1.0 | 5.000 | 0.3119 | 102 | 75 | 125 | | | | |

| Sample ID: **N078800-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189729** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.783 | 0.090 | 1.0 | 5.000 | 0.3119 | 109 | 75 | 125 | 5.432 | 6.26 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:04:00 PM |
| **Lab ID:** | N078800-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | PrepDate: | **11/13/2025** | | Analyst: **DJ** |
| Iron | 86 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5M-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:29:00 PM |
| **Lab ID:** | N078800-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | | PrepDate: | **11/13/2025** | Analyst: **DJ** |
| Iron | 27 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:49 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5S-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:53:00 PM |
| **Lab ID:** | N078800-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | | PrepDate: | **11/13/2025** | Analyst: **DJ** |
| Iron | 690 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-102-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:54:00 PM |
| **Lab ID:** | N078800-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | PrepDate: | **11/13/2025** | | Analyst: **DJ** |
| Iron | 46 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:54 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-158-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:12:00 PM |
| **Lab ID:** | N078800-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | PrepDate: | **11/13/2025** | | Analyst: **DJ** |
| Iron | 120 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 12:31:00 PM |
| **Lab ID:** | N078800-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125168** | | | | PrepDate: | **11/13/2025** | Analyst: **DJ** |
| Iron | 25 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 02:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-125168** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/13/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192382** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS-125168** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/13/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192383** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.540 | 5.8 | 20 | 100.0 | 0 | 109 | 85 | 115 | | | | |

| Sample ID: **N078875-010CMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/13/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192407** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 128.890 | 5.8 | 20 | 100.0 | 31.79 | 97.1 | 75 | 125 | | | | |

| Sample ID: **N078875-010CMSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/13/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192408** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 247.650 | 5.8 | 20 | 100.0 | 31.79 | 216 | 75 | 125 | 128.9 | 63.1 | 20 | SR |

| Sample ID: **N078875-011CMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/13/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192412** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 227.960 | 5.8 | 20 | 100.0 | 537.5 | -309 | 75 | 125 | | | | S |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N078875-011CMSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/13/2025** RunNo: **210438**
Client ID: **ZZZZZZ** Batch ID: **125168** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/14/2025** SeqNo: **7192413**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 244.590 | 5.8 | 20 | 100.0 | 537.5 | -293 | 75 | 125 | 228.0 | 7.04 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **N078875-010C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192406** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 125.630 | 5.8 | 20 | 100.0 | 31.79 | 93.8 | 80 | 120 | | | | |

| Sample ID: **N078875-011C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125168** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192411** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 589.940 | 5.8 | 20 | 100.0 | 537.5 | 52.5 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078800
Test Method: EPA 6010B
Analysis Date: 11/14/2025

Matrix: Groundwater
Batch No.: 125168

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Fe failed. However, PS passed criteria.
Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078875-010C DT 5x | Iron | Fe | µg/L | 29.2 | NA | 31.79 | 8.15% | 10 |
| N078875-011C DT 5x | Iron | Fe | µg/L | 606.65 | FAIL | 537.45 | 12.88% | 10 |

11/28/2025

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
NV Cert CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:04:00 PM |
| **Lab ID:** | N078800-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 06:49 PM |
| Barium | 24 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 06:49 PM |
| Manganese | 30 | 0.046 | 0.50 | | µg/L | 1 | 11/25/2025 06:49 PM |
| Molybdenum | 130 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 06:49 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 06:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5M-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:29:00 PM |
| **Lab ID:** | N078800-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | | PrepDate: **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 06:55 PM |
| Barium | 89 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 06:55 PM |
| Manganese | 2700 | 4.6 | 50 | | µg/L | 100 | 11/25/2025 07:01 PM |
| Molybdenum | 14 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 06:55 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 06:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5S-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:53:00 PM |
| **Lab ID:** | N078800-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | 15 | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 07:07 PM |
| Barium | 86 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 07:07 PM |
| Manganese | 150 | 0.046 | 0.50 | | µg/L | 1 | 11/25/2025 07:07 PM |
| Molybdenum | 8.5 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 07:07 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 07:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-102-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:54:00 PM |
| **Lab ID:** | N078800-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 07:13 PM |
| Barium | 50 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 07:13 PM |
| Manganese | 13 | 0.046 | 0.50 | | µg/L | 1 | 11/25/2025 07:13 PM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 07:13 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 07:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-158-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 1:12:00 PM |
| **Lab ID:** | N078800-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 07:19 PM |
| Barium | 31 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 07:19 PM |
| Manganese | 29 | 0.046 | 0.50 | | µg/L | 1 | 11/25/2025 07:19 PM |
| Molybdenum | 9.2 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 07:19 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 07:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-Q425 |
| **Lab Order:** | N078800 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/10/2025 12:31:00 PM |
| **Lab ID:** | N078800-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125246** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 3.1 | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 07:24 PM |
| Barium | 36 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 07:24 PM |
| Manganese | 95 | 0.046 | 0.50 | | µg/L | 1 | 11/25/2025 07:24 PM |
| Molybdenum | 33 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 07:24 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 07:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125246** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **PBW** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225729**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125246** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **LCSW** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225730**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.009 | 0.067 | 0.10 | 10.00 | 0 | 100 | 85 | 115 | | | | |
| Barium | 10.372 | 0.050 | 1.0 | 10.00 | 0 | 104 | 85 | 115 | | | | |
| Manganese | 103.669 | 0.046 | 0.50 | 100.0 | 0 | 104 | 85 | 115 | | | | |
| Molybdenum | 9.854 | 0.063 | 0.50 | 10.00 | 0 | 98.5 | 85 | 115 | | | | |
| Selenium | 10.354 | 0.29 | 0.50 | 10.00 | 0 | 104 | 85 | 115 | | | | |

Sample ID: **N078875-010CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225760**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.418 | 0.067 | 0.10 | 10.00 | 0 | 94.2 | 75 | 125 | | | | |
| Barium | 86.597 | 0.050 | 1.0 | 10.00 | 73.99 | 126 | 75 | 125 | | | | S |
| Manganese | 143.251 | 0.046 | 0.50 | 100.0 | 45.99 | 97.3 | 75 | 125 | | | | |
| Molybdenum | 14.432 | 0.063 | 0.50 | 10.00 | 3.388 | 110 | 75 | 125 | | | | |
| Selenium | 9.887 | 0.29 | 0.50 | 10.00 | 0 | 98.9 | 75 | 125 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N078875-010CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225761**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.285 | 0.067 | 0.10 | 10.00 | 0 | 92.9 | 75 | 125 | 9.418 | 1.43 | 20 | |
| Barium | 85.599 | 0.050 | 1.0 | 10.00 | 73.99 | 116 | 75 | 125 | 86.60 | 1.16 | 20 | |
| Manganese | 140.942 | 0.046 | 0.50 | 100.0 | 45.99 | 95.0 | 75 | 125 | 143.3 | 1.62 | 20 | |
| Molybdenum | 14.220 | 0.063 | 0.50 | 10.00 | 3.388 | 108 | 75 | 125 | 14.43 | 1.48 | 20 | |
| Selenium | 10.016 | 0.29 | 0.50 | 10.00 | 0 | 100 | 75 | 125 | 9.887 | 1.29 | 20 | |

Sample ID: **N078875-011CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225767**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.900 | 0.067 | 0.10 | 10.00 | 0 | 89.0 | 75 | 125 | | | | |
| Barium | 81.306 | 0.050 | 1.0 | 10.00 | 74.23 | 70.8 | 75 | 125 | | | | S |
| Manganese | 135.258 | 0.046 | 0.50 | 100.0 | 46.44 | 88.8 | 75 | 125 | | | | |
| Molybdenum | 13.366 | 0.063 | 0.50 | 10.00 | 3.548 | 98.2 | 75 | 125 | | | | |
| Selenium | 9.245 | 0.29 | 0.50 | 10.00 | 0 | 92.5 | 75 | 125 | | | | |

Sample ID: **N078875-011CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225768**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.951 | 0.067 | 0.10 | 10.00 | 0 | 89.5 | 75 | 125 | 8.900 | 0.570 | 20 | |
| Barium | 85.925 | 0.050 | 1.0 | 10.00 | 74.23 | 117 | 75 | 125 | 81.31 | 5.52 | 20 | |
| Manganese | 132.192 | 0.046 | 0.50 | 100.0 | 46.44 | 85.8 | 75 | 125 | 135.3 | 2.29 | 20 | |
| Molybdenum | 13.384 | 0.063 | 0.50 | 10.00 | 3.548 | 98.4 | 75 | 125 | 13.37 | 0.138 | 20 | |
| Selenium | 9.300 | 0.29 | 0.50 | 10.00 | 0 | 93.0 | 75 | 125 | 9.245 | 0.591 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078800
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N078875-010C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225759**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.639 | 0.067 | 0.10 | 10.00 | 0 | 96.4 | 80 | 120 | | | | |
| Barium | 85.383 | 0.050 | 1.0 | 10.00 | 73.99 | 114 | 80 | 120 | | | | |
| Manganese | 142.934 | 0.046 | 0.50 | 100.0 | 45.99 | 96.9 | 80 | 120 | | | | |
| Molybdenum | 14.416 | 0.063 | 0.50 | 10.00 | 3.388 | 110 | 80 | 120 | | | | |
| Selenium | 10.200 | 0.29 | 0.50 | 10.00 | 0 | 102 | 80 | 120 | | | | |

Sample ID: **N078875-011C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125246** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225766**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.368 | 0.067 | 0.10 | 10.00 | 0 | 83.7 | 80 | 120 | | | | |
| Barium | 80.922 | 0.050 | 1.0 | 10.00 | 74.23 | 66.9 | 80 | 120 | | | | S |
| Manganese | 133.001 | 0.046 | 0.50 | 100.0 | 46.44 | 86.6 | 80 | 120 | | | | |
| Molybdenum | 13.053 | 0.063 | 0.50 | 10.00 | 3.548 | 95.0 | 80 | 120 | | | | |
| Selenium | 8.976 | 0.29 | 0.50 | 10.00 | 0 | 89.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078800
Test Method: EPA 6020
Analysis Date: 11/25/2025

Matrix: Groundwater
Batch No.: 125246

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078875-010C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078875-010C DT 5x | Barium | Ba | µg/L | 68.95865 | PASS | 73.98849 | 6.80% | 10 |
| N078875-010C DT 5x | Manganese | Mn | µg/L | 43.70653 | PASS | 45.98596 | 4.96% | 10 |
| N078875-010C DT 5x | Molybdenum | Mo | µg/L | 3.25334 | NA | 3.387663 | 3.97% | 10 |
| N078875-010C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078875-011C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078875-011C DT 5x | Barium | Ba | µg/L | 69.01308 | PASS | 74.22993 | 7.03% | 10 |
| N078875-011C DT 5x | Manganese | Mn | µg/L | 44.62365 | PASS | 46.44018 | 3.91% | 10 |
| N078875-011C DT 5x | Molybdenum | Mo | µg/L | 3.103842 | NA | 3.54819 | 12.52% | 10 |
| N078875-011C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |

11/28/2025

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
NV Cert CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

ARCUS02 C: 11/25/202 12:00 AM
FOLDER R: 11/10/2025
N078800-009A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

California | 11060 Artesia Blvd. Ste C Cerritos, CA 90703
P 562 219 7435 | F:562.219.7436
www.assetlaboratories.com

| | | | | | |
|---|---|---|---|---|---|
| Client: | Arcadis | Report to: | Laura Madsen | Bill to | Janet Newman |
| Address: | 630 Plaza Dr, Suite 200 | Company: | Arcadis | Address: | |
| Address: | Highlands Ranch, CO 80129 | Email: | laura.madsen@arcadis.com | Address: | |
| Phone: | Fax: | Address: | | Email to: | janet.newman@arcadis. P.O.# |
| 720-344-3500 | | | | Phone: | 949 293-2445 Fax: |
| Submitted By: | Riggie Top | Phone: | Fax: | | |
| Title: | Field Tech | 720-344-3771 | | | |

| EDD Requirement | | QA/QC | | Sample Receipt Condition | Y | N |
|---|---|---|---|---|---|---|
| Excel EDD | | RTNE | | | | |
| Geotracker | | RWQCB | ü | 1. Chilled | | |
| Labspec | | CalTrans | | 2. Headspace | | |
| Others | ü | LEVEL III | | 3. Container Intact | | |
| Specify | | LEVEL IV | | 4. Seal Present | | |
| RWQCB | | Regulatory | | 5. IR number | | 4 |
| Global ID: | | Specify State: | | 6. Method of Cooling: | ICE | |

Sample Temp: 2.6°C

Courier: ASSET

Tracking No.:

Signature: 11-10-25 Date:

*I hereby authorize ASSET Labs to perform the tests indicated below.*

Sampled By: Riggie Top

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.*

Signature: Date: 11-10-25

Project Name: PG&E Topock - PCM

Project Number: 30251660

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | | | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078800-001 | PT5D-Q425 | 11/10/2025 | 13:04 | | X | X | X | X | X | X | | | | | | E | 4 | P | BNS |
| 2 | -002 | PT5M-Q425 | 11/10/2025 | 13:29 | | X | | X | X | X | X | | | X | | | E | 4 | P | BNS |
| 3 | -003 | PT5S-Q425 | 11/10/2025 | 13:53 | | X | | X | X | X | X | | | X | | | E | 4 | P | BNS |
| 4 | -004 | EB-707-Q425 | 11/10/2025 | 14:03 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 5 | | ~~MW-77-046-Q425~~ | ~~11/10/2025~~ | | | ~~X~~ | | ~~X~~ | ~~X~~ | ~~X~~ | ~~X~~ | | | ~~X~~ | | | ~~E~~ | ~~4~~ | ~~P~~ | ~~BNS~~ |
| 6 | -005 | MW-77-102-Q425 | 11/10/2025 | 13:54 | | X | | X | X | X | X | | | X | | | E | 4 | P | BNS |
| 7 | -006 | MW-77-158-Q425 | 11/10/2025 | 13:12 | | X | | X | X | X | X | | | X | | | E | 4 | P | BNS |
| 8 | -007 | MW-77-187-Q425 | 11/10/2025 | 12:31 | | X | X | X | X | X | X | | | | | | E | 4 | P | BNS |
| 9 | -008 | EB-708-Q425 | 11/10/2025 | 14:49 | | X | | | | | | | | | | | E | 1 | P | B |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

Reliquished by (Signature and Printed Name): Riggie Top 11-10-25 Date/Time: 1545

Reliquished by (Signature and Printed Name): Michael Alcantara 11/10/25 Date/Time: 1545

Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Michael Alcantara 11/10/25 2253 Date/Time:

| Turn Around Time (TAT) | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| X | C | = 2 Workdays |
| | D | = 3 Workdays |
| X | E | = Routine 5-7 Workdays |

TAT Starts at 8 AM the following day if samples received after

Special Instruction:

Michael Alcantara 11/10/25 2253

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/10/2025 | Workorder: | N078800 |
| Rep sample Temp (Deg C): | 2.6 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano
11/11/2025

For:

Reviewed By: MBC Ian Almario
11/19/2025

# ASSET Laboratories

## WORK ORDER Summary

*19-Nov-25*

**WorkOrder:** N078800

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/10/2025 10:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078800-001A | PT5D-Q425 | 11/10/2025 1:04:00 PM | 11/25/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-001B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-001C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-001D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-002A | PT5M-Q425 | 11/10/2025 1:29:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-002B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-002C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-002D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-003A | PT5S-Q425 | 11/10/2025 1:53:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-003B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-003C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*19-Nov-25*

**WorkOrder:** N078800

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/10/2025 10:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078800-003C | PT5S-Q425 | 11/10/2025 1:53:00 PM | 11/25/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-003D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-004A | EB-707-Q425 | 11/10/2025 2:03:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-005A | MW-77-102-Q425 | 11/10/2025 1:54:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-005B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-005C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-005D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-006A | MW-77-158-Q425 | 11/10/2025 1:12:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-006B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-006C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*19-Nov-25*

**WorkOrder:** N078800

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/10/2025 10:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078800-006C | MW-77-158-Q425 | 11/10/2025 1:12:00 PM | 11/25/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-006D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-007A | MW-77-187-Q425 | 11/10/2025 12:31:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-007B | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078800-007C | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/25/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078800-007D | | | 11/25/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/25/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078800-008A | EB-708-Q425 | 11/10/2025 2:49:00 PM | 11/25/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078800-009A | FOLDER | 11/25/2025 | 11/25/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/25/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/25/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 08, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079010

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 17, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079010

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Chromium in QC sample N079010-001B-MS possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Barium in QC sample N079010-001B-MSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *08-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079010
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079010-001A | MW-75-033-Q425 | Groundwater | 11/17/2025 1:33:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-001B | MW-75-033-Q425 | Groundwater | 11/17/2025 1:33:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-002A | MW-75-117-Q425 | Groundwater | 11/17/2025 1:11:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-002B | MW-75-117-Q425 | Groundwater | 11/17/2025 1:11:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-003A | MW-75-202-Q425 | Groundwater | 11/17/2025 12:08:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-003B | MW-75-202-Q425 | Groundwater | 11/17/2025 12:08:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-004A | MW-919-Q425 | Groundwater | 11/17/2025 12:18:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-004B | MW-919-Q425 | Groundwater | 11/17/2025 12:18:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-005A | MW-75-267-Q425 | Groundwater | 11/17/2025 12:41:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-005B | MW-75-267-Q425 | Groundwater | 11/17/2025 12:41:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-006A | MW-75-337-Q425 | Groundwater | 11/17/2025 1:57:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-006B | MW-75-337-Q425 | Groundwater | 11/17/2025 1:57:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-007A | EB-718-Q425 | Groundwater | 11/17/2025 2:07:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-008A | MW-82-046-Q425 | Groundwater | 11/17/2025 2:54:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-008B | MW-82-046-Q425 | Groundwater | 11/17/2025 2:54:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-008C | MW-82-046-Q425 | Groundwater | 11/17/2025 2:54:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-008D | MW-82-046-Q425 | Groundwater | 11/17/2025 2:54:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-009A | MW-82-112-Q425 | Groundwater | 11/17/2025 2:26:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-009B | MW-82-112-Q425 | Groundwater | 11/17/2025 2:26:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-009C | MW-82-112-Q425 | Groundwater | 11/17/2025 2:26:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-009D | MW-82-112-Q425 | Groundwater | 11/17/2025 2:26:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-010A | MW-82-168-Q425 | Groundwater | 11/17/2025 1:23:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-010B | MW-82-168-Q425 | Groundwater | 11/17/2025 1:23:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-010C | MW-82-168-Q425 | Groundwater | 11/17/2025 1:23:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-010D | MW-82-168-Q425 | Groundwater | 11/17/2025 1:23:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-011A | MW-82-198-Q425 | Groundwater | 11/17/2025 1:55:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-011B | MW-82-198-Q425 | Groundwater | 11/17/2025 1:55:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-011C | MW-82-198-Q425 | Groundwater | 11/17/2025 1:55:00 PM | 11/17/2025 | 12/8/2025 |
| N079010-011D | MW-82-198-Q425 | Groundwater | 11/17/2025 1:55:00 PM | 11/17/2025 | 12/8/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079010
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079010-012A | EB-719-Q425 | Groundwater | 11/17/2025 3:15:00 PM | 11/17/2025 | 12/8/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-75-033-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:33:00 PM |
| **Lab ID:** | N079010-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121B** QC Batch: **R210806** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 72 | 0.39 | 2.0 | | µg/L | 10 | 11/21/2025 10:29 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 66 | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 03:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-75-117-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:11:00 PM |
| **Lab ID:** | N079010-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121B** QC Batch: **R210806** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 17 | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 02:54 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 16 | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 04:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-75-202-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 12:08:00 PM |
| **Lab ID:** | N079010-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251121B** QC Batch: **R210806** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 04:09 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** PrepDate: **11/23/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 04:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-919-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 12:18:00 PM |
| **Lab ID:** | N079010-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251121B** | QC Batch: **R210806** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 04:47 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125445** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 04:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-75-267-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 12:41:00 PM |
| **Lab ID:** | N079010-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251122A** QC Batch: **R210862** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 03:29 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** PrepDate: **11/23/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 04:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-75-337-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:57:00 PM |
| **Lab ID:** | N079010-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251122A** QC Batch: **R210862** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 04:07 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** PrepDate: **11/23/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 05:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-718-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:07:00 PM |
| **Lab ID:** | N079010-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251124A** | QC Batch: **R210918** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/24/2025 03:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-046-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:54:00 PM |
| **Lab ID:** | N079010-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/22/2025 05:04 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125445** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 05:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-112-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:26:00 PM |
| **Lab ID:** | N079010-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251124A** QC Batch: **R210918** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/24/2025 03:23 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 05:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-168-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:23:00 PM |
| **Lab ID:** | N079010-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251124A** QC Batch: **R210918** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/24/2025 03:42 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 05:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-198-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:55:00 PM |
| **Lab ID:** | N079010-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251121A** QC Batch: **R210805** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 07:32 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125445** PrepDate: **11/23/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 05:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-719-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 3:15:00 PM |
| **Lab ID:** | N079010-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 07:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210805** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210805** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210805** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212869** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210805** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210805** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210805** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212870** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.954 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | |

| Sample ID: **N078917-008AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210805** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210805** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212872** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7.700 | 0.19 | 1.0 | 5.000 | 3.183 | 90.3 | 90 | 110 | | | | |

| Sample ID: **N078917-008AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210805** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210805** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212873** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7.978 | 0.19 | 1.0 | 5.000 | 3.183 | 95.9 | 90 | 110 | 7.700 | 3.54 | 20 | |

| Sample ID: **N078917-007ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210805** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210805** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212875** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.19 | 1.0 | | | | | | 0 | 0 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078917-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212876**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.931 | 0.19 | 1.0 | 5.000 | 0 | 98.6 | 90 | 110 | | | | |

Sample ID: **N078918-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212878**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.400 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID: **N078918-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212882**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.678 | 0.19 | 1.0 | 5.000 | 0.3095 | 107 | 90 | 110 | | | | |

Sample ID: **N078946-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212884**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.122 | 0.039 | 0.20 | 1.000 | 0.07970 | 104 | 90 | 110 | | | | |

Sample ID: **N078946-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212886**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.067 | 0.039 | 0.20 | 1.000 | 0.06260 | 100 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078946-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212888**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.099 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID: **N078946-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.133 | 0.039 | 0.20 | 1.000 | 0.1387 | 99.5 | 90 | 110 | | | | |

Sample ID: **N078946-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212894**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.167 | 0.039 | 0.20 | 1.000 | 0.1071 | 106 | 90 | 110 | | | | |

Sample ID: **N078946-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212896**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.172 | 0.039 | 0.20 | 1.000 | 0.09830 | 107 | 90 | 110 | | | | |

Sample ID: **N078946-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212898**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.106 | 0.039 | 0.20 | 1.000 | 0.1060 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078946-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212900**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.156 | 0.039 | 0.20 | 1.000 | 0.08210 | 107 | 90 | 110 | | | | |

Sample ID: **N078946-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212906**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08890 | 104 | 90 | 110 | | | | |

Sample ID: **N078946-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212908**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.388 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID: **N078946-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.134 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N078946-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212914**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.420 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079010-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212916**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.939 | 0.039 | 0.20 | 1.000 | 0 | 93.9 | 90 | 110 | | | | |

Sample ID: **N079010-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212918**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09880 | 98.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210806** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210806** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210806** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212927** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210806** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210806** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210806** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212928** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.976 | 0.039 | 0.20 | 5.000 | 0 | 99.5 | 90 | 110 | | | | |

| Sample ID: **N079010-001ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210806** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210806** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212930** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 70.611 | 0.39 | 2.0 | | | | | | 71.58 | 1.37 | 20 | |

| Sample ID: **N079010-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210806** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210806** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212931** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 124.295 | 0.39 | 2.0 | 50.00 | 71.58 | 105 | 90 | 110 | | | | |

| Sample ID: **N079010-001AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210806** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210806** | TestNo: **EPA 218.6** | | Analysis Date: **11/21/2025** | SeqNo: **7212932** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 121.983 | 0.39 | 2.0 | 50.00 | 71.58 | 101 | 90 | 110 | 124.3 | 1.88 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079012-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212934**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.253 | 0.039 | 0.20 | 1.000 | 0.1783 | 107 | 90 | 110 | | | | |

Sample ID: **N079012-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212938**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.06320 | 107 | 90 | 110 | | | | |

Sample ID: **N079012-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212940**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.07050 | 104 | 90 | 110 | | | | |

Sample ID: **N079052-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212942**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.111 | 0.039 | 0.20 | 1.000 | 0.07380 | 104 | 90 | 110 | | | | |

Sample ID: **N079052-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212944**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.104 | 0.039 | 0.20 | 1.000 | 0.08670 | 102 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079052-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212946**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.107 | 0.039 | 0.20 | 1.000 | 0.06570 | 104 | 90 | 110 | | | | |

Sample ID: **N079052-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212950**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.141 | 0.039 | 0.20 | 1.000 | 0.08630 | 105 | 90 | 110 | | | | |

Sample ID: **N079052-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212952**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.202 | 0.039 | 0.20 | 1.000 | 0.1104 | 109 | 90 | 110 | | | | |

Sample ID: **N079010-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212954**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 22.207 | 0.19 | 1.0 | 5.000 | 17.20 | 100 | 90 | 110 | | | | |

Sample ID: **N079010-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212958**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.193 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079010-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210806**
Client ID: **ZZZZZZ** Batch ID: **R210806** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7212960**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.258 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **MB-R210862** SampType: **MBLK** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **PBW** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218177**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

Sample ID: **LCS-R210862** SampType: **LCS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **LCSW** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218178**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.956 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | |

Sample ID: **N079150-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218180**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.139 | 0.039 | 0.20 | 1.000 | 0.07840 | 106 | 90 | 110 | | | | |

Sample ID: **N079150-005AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218181**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.177 | 0.039 | 0.20 | 1.000 | 0.07840 | 110 | 90 | 110 | 1.139 | 3.26 | 20 | |

Sample ID: **N079150-009ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218183**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.083 | 0.039 | 0.20 | | | | | | 0.08010 | 0 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079150-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218184**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08010 | 105 | 90 | 110 | | | | |

Sample ID: **N078946-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218186**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.128 | 0.039 | 0.20 | 1.000 | 0.1342 | 99.4 | 90 | 110 | | | | |

Sample ID: **N079012-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218190**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.084 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID: **N078679-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218195**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.297 | 0.039 | 0.20 | 1.000 | 0.2708 | 103 | 90 | 110 | | | | |

Sample ID: **N079010-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218199**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.998 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079010-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218201**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID: **N079010-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218205**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.345 | 0.19 | 1.0 | 5.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID: **N079150-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218207**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.140 | 0.039 | 0.20 | 1.000 | 0.1007 | 104 | 90 | 110 | | | | |

Sample ID: **N079150-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218209**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.141 | 0.039 | 0.20 | 1.000 | 0.1079 | 103 | 90 | 110 | | | | |

Sample ID: **N079150-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218211**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.107 | 0.039 | 0.20 | 1.000 | 0.08040 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079150-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218213**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.129 | 0.039 | 0.20 | 1.000 | 0.07870 | 105 | 90 | 110 | | | | |

Sample ID: **N079150-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218217**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.171 | 0.039 | 0.20 | 1.000 | 0.08770 | 108 | 90 | 110 | | | | |

Sample ID: **N079150-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218219**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.1181 | 99.1 | 90 | 110 | | | | |

Sample ID: **N079150-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218221**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0.08910 | 101 | 90 | 110 | | | | |

Sample ID: **N079150-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218223**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.148 | 0.039 | 0.20 | 1.000 | 0.08940 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210918** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221673** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210918** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221674** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.074 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079150-011AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221676** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.09490 | 101 | 90 | 110 | | | | |

| Sample ID: **N079150-011AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221677** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.09490 | 105 | 90 | 110 | 1.109 | 3.11 | 20 | |

| Sample ID: **N079150-013ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221679** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.067 | 0.039 | 0.20 | | | | | | 0.09930 | 0 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079150-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221680**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.112 | 0.039 | 0.20 | 1.000 | 0.09930 | 101 | 90 | 110 | | | | |

Sample ID: **N079150-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221682**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.071 | 0.039 | 0.20 | 1.000 | 0.09880 | 97.3 | 90 | 110 | | | | |

Sample ID: **N079010-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221686**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.085 | 0.039 | 0.20 | 1.000 | 0.07460 | 101 | 90 | 110 | | | | |

Sample ID: **N079010-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221688**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.937 | 0.19 | 1.0 | 5.000 | 0 | 98.7 | 90 | 110 | | | | |

Sample ID: **N079010-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221690**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.035 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079052-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221693**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.952 | 0.039 | 0.20 | 1.000 | 0 | 95.2 | 90 | 110 | | | | |

Sample ID: **N079052-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221697**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.097 | 0.039 | 0.20 | 1.000 | 0.1387 | 95.8 | 90 | 110 | | | | |

Sample ID: **N079052-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221701**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.761 | 0.19 | 1.0 | 5.000 | 0 | 95.2 | 90 | 110 | | | | |

Sample ID: **N079052-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221703**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.233 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID: **N079052-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221705**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.381 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079052-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221707**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.717 | 0.19 | 1.0 | 5.000 | 0 | 94.3 | 90 | 110 | | | | |

Sample ID: **N079052-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221711**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.169 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221713**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.025 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221715**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.170 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/25/2025** SeqNo: **7221719**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.246 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079112-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/25/2025** SeqNo: **7221721**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.155 | 0.039 | 0.20 | 1.000 | 0.07200 | 108 | 90 | 110 | | | | |

Sample ID: **N079112-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/25/2025** SeqNo: **7221723**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125445** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7240002** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125445** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7240003** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.786 | 0.13 | 1.0 | 10.00 | 0 | 97.9 | 85 | 115 | | | | |

| Sample ID: **N079010-001B-MS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7240007** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 72.905 | 0.13 | 1.0 | 10.00 | 65.79 | 71.1 | 75 | 125 | | | | S |

| Sample ID: **N079010-001B-MSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7240008** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 73.841 | 0.13 | 1.0 | 10.00 | 65.79 | 80.5 | 75 | 125 | 72.90 | 1.28 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079010-001B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **211157**
Client ID: **ZZZZZZ** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/28/2025** SeqNo: **7240006**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 73.721 | 0.13 | 1.0 | 10.00 | 65.79 | 79.3 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079010
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125445

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079010-001B DT 5x | Chromium | Cr | µg/L | 65.03523 | PASS | 65.79142 | 1.15% | 10 |
| N079010-001B DT 5x | Manganese | Mn | µg/L | 5.485121 | NA | 4.341203 | 26.35% | 10 |

12/08/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-046-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:54:00 PM |
| **Lab ID:** | N079010-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251118A** | QC Batch: **R210589** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/18/2025 11:21 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-112-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:26:00 PM |
| **Lab ID:** | N079010-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251118A** | QC Batch: **R210589** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/18/2025 11:38 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-168-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:23:00 PM |
| **Lab ID:** | N079010-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251118A** | QC Batch: **R210589** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/18/2025 12:43 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-198-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:55:00 PM |
| **Lab ID:** | N079010-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251118A** | QC Batch: **R210589** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/18/2025 01:00 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **MB-R210589_NO3** | SampType: **MBLK** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210589** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210589** | TestNo: **EPA 300.0** | | Analysis Date: **11/18/2025** | SeqNo: **7201954** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID: **LCS-R210589_NO3** | SampType: **LCS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210589** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210589** | TestNo: **EPA 300.0** | | Analysis Date: **11/18/2025** | SeqNo: **7201955** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.245 | 0.024 | 0.050 | 1.250 | 0 | 99.6 | 90 | 110 | | | | |

| Sample ID: **N079010-009DDUP** | SampType: **DUP** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210589** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210589** | TestNo: **EPA 300.0** | | Analysis Date: **11/18/2025** | SeqNo: **7201958** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.12 | 0.25 | | | | | | 0 | 0 | 20 | |

| Sample ID: **N079010-009DMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210589** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210589** | TestNo: **EPA 300.0** | | Analysis Date: **11/18/2025** | SeqNo: **7201959** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 5.970 | 0.12 | 0.25 | 6.250 | 0 | 95.5 | 80 | 120 | | | | |

| Sample ID: **N079010-009DMSD** | SampType: **MSD** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210589** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210589** | TestNo: **EPA 300.0** | | Analysis Date: **11/18/2025** | SeqNo: **7201960** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.005 | 0.12 | 0.25 | 6.250 | 0 | 96.1 | 80 | 120 | 5.970 | 0.585 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-046-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:54:00 PM |
| **Lab ID:** | N079010-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 9.9 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 05:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-112-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:26:00 PM |
| **Lab ID:** | N079010-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.6 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 06:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-168-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:23:00 PM |
| **Lab ID:** | N079010-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 06:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-198-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:55:00 PM |
| **Lab ID:** | N079010-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 06:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID: **LCS-125353** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208222** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.062 | 0.090 | 1.0 | 5.000 | 0 | 101 | 85 | 115 | | | | |

| Sample ID: **MB-125353** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208223** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID: **N078918-001B-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208225** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.768 | 0.090 | 1.0 | 5.000 | 1.722 | 101 | 75 | 125 | | | | |

| Sample ID: **N078918-001B-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208226** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.913 | 0.090 | 1.0 | 5.000 | 1.722 | 104 | 75 | 125 | 6.768 | 2.12 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-046-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:54:00 PM |
| **Lab ID:** | N079010-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Iron | 2900 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-112-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:26:00 PM |
| **Lab ID:** | N079010-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Iron | 320 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:59 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-168-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:23:00 PM |
| **Lab ID:** | N079010-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 41 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 03:02 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-198-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:55:00 PM |
| **Lab ID:** | N079010-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 98 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 03:04 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-125451** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211100** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125451** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7235709** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS-125451** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211100** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125451** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7235710** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.260 | 5.8 | 20 | 100.0 | 0 | 102 | 85 | 115 | | | | |

| Sample ID: **N079112-003BMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211100** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125451** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7235728** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1028.510 | 5.8 | 20 | 100.0 | 919.6 | 109 | 75 | 125 | | | | |

| Sample ID: **N079112-003BMSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211100** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125451** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7235729** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1029.650 | 5.8 | 20 | 100.0 | 919.6 | 110 | 75 | 125 | 1029 | 0.111 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N079112-003B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: RunNo: **211100**
Client ID: **ZZZZZZ** Batch ID: **125451** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/28/2025** SeqNo: **7235727**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1036.200 | 5.8 | 20 | 100.0 | 919.6 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078946 / N079010/ N079112
Test Method: EPA 6010B
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125451

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Fe failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079112-003B DT 5x | Iron | Fe | µg/L | 1067.4 | FAIL | 919.56 | 16.08% | 10 |

Note: NA - Not Applicable

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-82-046-Q425
**Lab Order:** N079010
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/17/2025 2:54:00 PM
**Lab ID:** N079010-008
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125445** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 11 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 06:02 PM |
| Barium | 61 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 06:02 PM |
| Manganese | 250 | 0.46 | 5.0 | | µg/L | 10 | 11/28/2025 05:15 PM |
| Molybdenum | 270 | 0.63 | 5.0 | | µg/L | 10 | 11/28/2025 05:15 PM |
| Selenium | 2.7 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 06:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-112-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 2:26:00 PM |
| **Lab ID:** | N079010-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125445** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 06:08 PM |
| Barium | 74 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 06:08 PM |
| Manganese | 560 | 0.46 | 5.0 | | µg/L | 10 | 11/28/2025 05:27 PM |
| Molybdenum | 3.9 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 06:08 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 06:08 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-168-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:23:00 PM |
| **Lab ID:** | N079010-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125445** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 06:14 PM |
| Barium | 31 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 06:14 PM |
| Manganese | 44 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 05:33 PM |
| Molybdenum | 7.7 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 06:14 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 06:14 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-82-198-Q425 |
| **Lab Order:** | N079010 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/17/2025 1:55:00 PM |
| **Lab ID:** | N079010-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251202C** | QC Batch: **125445** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/3/2025 01:37 AM |
| Barium | 48 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 06:20 PM |
| Manganese | 72 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 05:39 PM |
| Molybdenum | 13 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 06:20 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 06:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125445** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **PBW** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7238248**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125445** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **LCSW** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7238249**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.769 | 0.067 | 0.10 | 10.00 | 0 | 97.7 | 85 | 115 | | | | |
| Barium | 9.874 | 0.050 | 1.0 | 10.00 | 0 | 98.7 | 85 | 115 | | | | |
| Molybdenum | 9.607 | 0.063 | 0.50 | 10.00 | 0 | 96.1 | 85 | 115 | | | | |
| Selenium | 9.715 | 0.29 | 0.50 | 10.00 | 0 | 97.2 | 85 | 115 | | | | |

Sample ID: **N079010-001B-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7238253**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.390 | 0.067 | 0.10 | 10.00 | 0.9489 | 94.4 | 75 | 125 | | | | |
| Barium | 48.443 | 0.050 | 1.0 | 10.00 | 40.09 | 83.6 | 75 | 125 | | | | |
| Molybdenum | 19.294 | 0.063 | 0.50 | 10.00 | 9.400 | 98.9 | 75 | 125 | | | | |
| Selenium | 11.108 | 0.29 | 0.50 | 10.00 | 2.057 | 90.5 | 75 | 125 | | | | |

Sample ID: **N079010-001B-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7238254**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.415 | 0.067 | 0.10 | 10.00 | 0.9489 | 94.7 | 75 | 125 | 10.39 | 0.238 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **N079010-001B-MSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211130** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7238254** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 47.301 | 0.050 | 1.0 | 10.00 | 40.09 | 72.1 | 75 | 125 | 48.44 | 2.39 | 20 | S |
| Molybdenum | 19.206 | 0.063 | 0.50 | 10.00 | 9.400 | 98.1 | 75 | 125 | 19.29 | 0.456 | 20 | |
| Selenium | 11.350 | 0.29 | 0.50 | 10.00 | 2.057 | 92.9 | 75 | 125 | 11.11 | 2.15 | 20 | |

| Sample ID: **MB-125445** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7239744** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-125445** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7239745** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 100.062 | 0.046 | 0.50 | 100.0 | 0 | 100 | 85 | 115 | | | | |

| Sample ID: **N079010-001B-MS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7239749** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 97.324 | 0.046 | 0.50 | 100.0 | 4.341 | 93.0 | 75 | 125 | | | | |

| Sample ID: **N079010-001B-MSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125445** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7239750** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 97.161 | 0.046 | 0.50 | 100.0 | 4.341 | 92.8 | 75 | 125 | 97.32 | 0.168 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079010
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079010-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7238252**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.341 | 0.067 | 0.10 | 10.00 | 0.9489 | 93.9 | 80 | 120 | | | | |
| Barium | 49.260 | 0.050 | 1.0 | 10.00 | 40.09 | 91.7 | 80 | 120 | | | | |
| Molybdenum | 19.737 | 0.063 | 0.50 | 10.00 | 9.400 | 103 | 80 | 120 | | | | |
| Selenium | 10.986 | 0.29 | 0.50 | 10.00 | 2.057 | 89.3 | 80 | 120 | | | | |

Sample ID: **N079010-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **211154**
Client ID: **ZZZZZZ** Batch ID: **125445** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/28/2025** SeqNo: **7239748**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 96.220 | 0.046 | 0.50 | 100.0 | 4.341 | 91.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079010 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/26/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125445 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba failed. However, PS passed criteria.
Dilution test is not applicable to As, Mo, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079010-001B DT 5x | Arsenic | As | µg/L | 1.024169 | NA | 0.9488916 | 7.93% | 10 |
| N079010-001B DT 5x | Barium | Ba | µg/L | 48.09077 | FAIL | 40.08606 | 19.97% | 10 |
| N079010-001B DT 5x | Molybdenum | Mo | µg/L | 11.15105 | NA | 9.400236 | 18.63% | 10 |
| N079010-001B DT 5x | Selenium | Se | µg/L | 2.92329 | NA | 2.057152 | 42.10% | 10 |

12/08/2025

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079010
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125445

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079010-001B DT 5x | Chromium | Cr | µg/L | 65.03523 | PASS | 65.79142 | 1.15% | 10 |
| N079010-001B DT 5x | Manganese | Mn | µg/L | 5.485121 | NA | 4.341203 | 26.35% | 10 |

12/08/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/3/2025 12:00 AM
FOLDER R: 11/17/2025
N079010-013A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Russ Tap | | Phone: 949 293-2445 Fax: | |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | |
| Signature: Date: 11-17-25 | Sampled By: Russ Tap | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-17-25 | | |
| Project Number: 30251660 | | | |

*I hereby authorize ASSET Labs to perform the tests indicated below.*

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for*

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| | |
|---|---|
| Excel EDD | |
| Geotracker | |
| Labspec | |
| Others | ✓ |
| Specify: RWQCB | |
| Global ID: | |

| | |
|---|---|
| RWQCB | ✓ |
| CalTrans | |
| LEVEL III | |
| LEVEL IV | |
| Regulatory | |
| Specify State: | |

| | |
|---|---|
| 1. Chilled | ✓ |
| 2. Headspace | |
| 3. Container Intact | ✓ |
| 4. Seal Present | ✓ |
| 5. IR number | 4 |
| 6. Method of Cooling: | WE |
| Sample Temp: | 1.4°C |
| Courier: | Asset |
| Tracking No.: | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | 1 L poly | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079010-001 | ✓ MW-75-033-Q425 | 11/17/2025 | 13:33 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 2 | -002 | ✓ MW-75-117-Q425 | 11/17/2025 | 13:11 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 3 | -003 | ✓ MW-75-202-Q425 | 11/17/2025 | 12:08 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 4 | -004 | ✓ MW-919-Q425 | 11/17/2025 | 12:18 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 5 | -005 | ✓ MW-75-267-Q425 | 11/17/2025 | 12:41 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 6 | -006 | ✓ MW-75-337-Q425 | 11/17/2025 | 13:57 | | X | | | X | | | | | | | | | | E | 2 | P | BNS |
| 7 | -007 | ✓ EB-718-Q425 | 11/17/2025 | 14:07 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 8 | -008 | ✓ MW-82-046-Q425 | 11/17/2025 | 14:54 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 9 | -009 | ✓ MW-82-112-Q425 | 11/17/2025 | 14:26 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 10 | -010 | ✓ MW-82-168-Q425 | 11/17/2025 | ~~13:22~~ 1323 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 11 | -011 | ✓ MW-82-198-Q425 | 11/17/2025 | 13:55 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 12 | -012 | ✓ EB-719-Q425 | 11/17/2025 | 1515 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |

Reliquished by (Signature and Printed Name): Russ Tap 11-17-25 Date/Time: 16:05
Reliquished by (Signature and Printed Name): Michael Alcantara 11/17/25 Date/Time: 1605
Reliquished by (Signature and Printed Name): Michael Alcantara 11/17/25 Date/Time: 1815
Reliquished by (Signature and Printed Name): Michael Alcantara 11/17/25 Date/Time: 1815
Reliquished by (Signature and Printed Name): Date/Time:
Reliquished by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/17/2025 | Workorder: | N079010 |
| Rep sample Temp (Deg C): | 1.4 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

FOR

Checklist Completed By: VM Marcus C
11/18/2025

Reviewed By: For: MBC Ian Almario
11/23/2025

# ASSET Laboratories

## WORK ORDER Summary

*18-Nov-25*

**WorkOrder:** N079010

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/17/2025 6:15 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079010-001A | MW-75-033-Q425 | 11/17/2025 1:33:00 PM | 12/3/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-001B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-002A | MW-75-117-Q425 | 11/17/2025 1:11:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-002B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-003A | MW-75-202-Q425 | 11/17/2025 12:08:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-003B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-004A | MW-919-Q425 | 11/17/2025 12:18:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-004B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-005A | MW-75-267-Q425 | 11/17/2025 12:41:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-005B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-006A | MW-75-337-Q425 | 11/17/2025 1:57:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-006B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-007A | EB-718-Q425 | 11/17/2025 2:07:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-008A | MW-82-046-Q425 | 11/17/2025 2:54:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-008B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Nov-25*

**WorkOrder:** N079010

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/17/2025 6:15 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079010-008B | MW-82-046-Q425 | 11/17/2025 2:54:00 PM | 12/3/2025 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-008C | | | 12/3/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/3/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079010-008D | | | 12/3/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079010-009A | MW-82-112-Q425 | 11/17/2025 2:26:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-009B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-009C | | | 12/3/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/3/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079010-009D | | | 12/3/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079010-010A | MW-82-168-Q425 | 11/17/2025 1:23:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-010B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-010C | | | 12/3/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Nov-25*

**WorkOrder:** N079010

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/17/2025 6:15 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079010-010C | MW-82-168-Q425 | 11/17/2025 1:23:00 PM | 12/3/2025 | Groundwater | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079010-010D | | | 12/3/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079010-011A | MW-82-198-Q425 | 11/17/2025 1:55:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-011B | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/3/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079010-011C | | | 12/3/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/3/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079010-011D | | | 12/3/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079010-012A | EB-719-Q425 | 11/17/2025 3:15:00 PM | 12/3/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079010-013A | FOLDER | 12/3/2025 | 12/3/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/3/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/3/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 08, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079834

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 17, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079834

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Calcium in QC sample N079957-001B-MS1 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Potassium in QC samples N079834-001B-MS2 and N079834-001B-MSD2 possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N079834-001B-MS2 and N079834-001B-MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

# CASE NARRATIVE

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N079835-004CMS and N079835-004CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) is outside recovery criteria for Molybdenum in QC sample N079835-004CMS possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *08-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079834
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079834-001A | MW-62-110-Q425 | Surface Water | 12/17/2025 3:46:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-001B | MW-62-110-Q425 | Surface Water | 12/17/2025 3:46:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-001C | MW-62-110-Q425 | Surface Water | 12/17/2025 3:46:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-002A | MW-62-190-Q425 | Surface Water | 12/17/2025 3:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-002B | MW-62-190-Q425 | Surface Water | 12/17/2025 3:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-002C | MW-62-190-Q425 | Surface Water | 12/17/2025 3:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-003A | MW-67-225-Q425 | Surface Water | 12/17/2025 1:21:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-003B | MW-67-225-Q425 | Surface Water | 12/17/2025 1:21:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-003C | MW-67-225-Q425 | Surface Water | 12/17/2025 1:21:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-004A | MW-917-Q425 | Surface Water | 12/17/2025 1:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-004B | MW-917-Q425 | Surface Water | 12/17/2025 1:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-004C | MW-917-Q425 | Surface Water | 12/17/2025 1:31:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-005A | MW-67-260-Q425 | Surface Water | 12/17/2025 2:00:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-005B | MW-67-260-Q425 | Surface Water | 12/17/2025 2:00:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-005C | MW-67-260-Q425 | Surface Water | 12/17/2025 2:00:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-006A | MW-68-240-Q425 | Surface Water | 12/17/2025 11:56:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-006B | MW-68-240-Q425 | Surface Water | 12/17/2025 11:56:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-006C | MW-68-240-Q425 | Surface Water | 12/17/2025 11:56:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-007A | MW-68BR-280-Q425 | Surface Water | 12/17/2025 1:10:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-007B | MW-68BR-280-Q425 | Surface Water | 12/17/2025 1:10:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-008A | MW-69-195-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-008B | MW-69-195-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-008C | MW-69-195-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-009A | EB-758-Q425 | Surface Water | 12/17/2025 4:00:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-010A | PT9D-Q425 | Surface Water | 12/17/2025 1:35:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-010B | PT9D-Q425 | Surface Water | 12/17/2025 1:35:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-010C | PT9D-Q425 | Surface Water | 12/17/2025 1:35:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-011A | MW-65-160-Q425 | Surface Water | 12/17/2025 2:14:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-011B | MW-65-160-Q425 | Surface Water | 12/17/2025 2:14:00 PM | 12/17/2025 | 1/8/2026 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079834
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079834-011C | MW-65-160-Q425 | Surface Water | 12/17/2025 2:14:00 PM | 12/17/2025 | 1/8/2026 |
| N079834-012A | MW-65-225-Q425 | Surface Water | 12/17/2025 11:04:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-012B | MW-65-225-Q425 | Surface Water | 12/17/2025 11:04:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-012C | MW-65-225-Q425 | Surface Water | 12/17/2025 11:04:00 AM | 12/17/2025 | 1/8/2026 |
| N079834-013A | EB-760-Q425 | Surface Water | 12/17/2025 4:20:00 PM | 12/17/2025 | 1/8/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-110-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:46:00 PM |
| **Lab ID:** | N079834-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251218D** | QC Batch: **126144** | | | PrepDate: | **12/18/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 5800 | 100 | 100 | | mg/L | 1 | 12/18/2025 11:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-190-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:31:00 PM |
| **Lab ID:** | N079834-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251218D** | QC Batch: **126144** | | | PrepDate: | **12/18/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 10000 | 100 | 100 | | mg/L | 1 | 12/18/2025 11:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251218D** | QC Batch: **126144** | | | PrepDate: | **12/18/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 2700 | 33 | 33 | | mg/L | 1 | 12/18/2025 11:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:04:00 AM |
| **Lab ID:** | N079834-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251218D** | QC Batch: **126144** | | | PrepDate: | **12/18/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 6900 | 100 | 100 | | mg/L | 1 | 12/18/2025 11:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

Sample ID: **LCS-126144** SampType: **LCS** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/18/2025** RunNo: **212307**
Client ID: **LCSW** Batch ID: **126144** TestNo: **SM2540C** Analysis Date: **12/18/2025** SeqNo: **7315375**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filterat | 979.000 | 10 | 10 | 1000 | 0 | 97.9 | 80 | 120 | | | | |

Sample ID: **MB-126144** SampType: **MBLK** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/18/2025** RunNo: **212307**
Client ID: **PBW** Batch ID: **126144** TestNo: **SM2540C** Analysis Date: **12/18/2025** SeqNo: **7315376**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filterat | ND | 10 | 10 | | | | | | | | | |

Sample ID: **N079834-002CDUP** SampType: **DUP** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/18/2025** RunNo: **212307**
Client ID: **ZZZZZZ** Batch ID: **126144** TestNo: **SM2540C** Analysis Date: **12/18/2025** SeqNo: **7315383**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filterat | 10580.000 | 100 | 100 | | | | | | 10460 | 1.14 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-110-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:46:00 PM |
| **Lab ID:** | N079834-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.1 | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 02:50 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1.1 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 11:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-190-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:31:00 PM |
| **Lab ID:** | N079834-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 03:53 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 12:10 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:21:00 PM |
| **Lab ID:** | N079834-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2000 | 7.7 | 40 | | µg/L | 200 | 12/18/2025 12:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1900 | 3.2 | 25 | | µg/L | 25 | 12/31/2025 12:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-917-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:31:00 PM |
| **Lab ID:** | N079834-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2000 | 7.7 | 40 | | µg/L | 200 | 12/18/2025 01:17 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1900 | 3.2 | 25 | | µg/L | 25 | 12/31/2025 01:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-260-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:00:00 PM |
| **Lab ID:** | N079834-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 700 | 3.9 | 20 | | µg/L | 100 | 12/19/2025 12:16 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 660 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 01:20 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-240-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:56:00 AM |
| **Lab ID:** | N079834-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1800 | 7.7 | 40 | | µg/L | 200 | 12/18/2025 01:36 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1700 | 3.2 | 25 | | µg/L | 25 | 12/31/2025 01:38 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68BR-280-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:10:00 PM |
| **Lab ID:** | N079834-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 04:12 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 02:01 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-69-195-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079834-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 180 | 1.9 | 10 | | µg/L | 50 | 12/18/2025 12:02 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 150 | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 02:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-758-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 4:00:00 PM |
| **Lab ID:** | N079834-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/19/2025 01:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9D-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:35:00 PM |
| **Lab ID:** | N079834-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 4000 | 19 | 100 | | µg/L | 500 | 12/18/2025 01:55 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 3800 | 3.2 | 25 | | µg/L | 25 | 12/31/2025 02:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 310 | 1.9 | 10 | | µg/L | 50 | 12/18/2025 12:11 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 310 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 02:48 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:04:00 AM |
| **Lab ID:** | N079834-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 480 | 1.9 | 10 | | µg/L | 50 | 12/18/2025 12:21 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 500 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 03:17 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-760-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 4:20:00 PM |
| **Lab ID:** | N079834-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/19/2025 01:41 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R212046** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212046** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R212046** | TestNo: **EPA 218.6** | | Analysis Date: **12/18/2025** | SeqNo: **7298690** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R212046** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212046** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R212046** | TestNo: **EPA 218.6** | | Analysis Date: **12/18/2025** | SeqNo: **7298691** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.071 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079835-004AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212046** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212046** | TestNo: **EPA 218.6** | | Analysis Date: **12/18/2025** | SeqNo: **7298693** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 726.160 | 15 | 80 | 400.0 | 326.2 | 100 | 90 | 110 | | | | |

| Sample ID: **N079835-004AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212046** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212046** | TestNo: **EPA 218.6** | | Analysis Date: **12/18/2025** | SeqNo: **7298694** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 739.760 | 15 | 80 | 400.0 | 326.2 | 103 | 90 | 110 | 726.2 | 1.86 | 20 | |

| Sample ID: **N079834-003ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212046** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212046** | TestNo: **EPA 218.6** | | Analysis Date: **12/18/2025** | SeqNo: **7298701** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1969.940 | 7.7 | 40 | | | | | | 2006 | 1.81 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079834-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298702**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2987.920 | 7.7 | 40 | 1000 | 2006 | 98.2 | 90 | 110 | | | | |

Sample ID: **N079834-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298704**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3000.800 | 7.7 | 40 | 1000 | 2020 | 98.0 | 90 | 110 | | | | |

Sample ID: **N079834-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298706**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2806.000 | 7.7 | 40 | 1000 | 1844 | 96.2 | 90 | 110 | | | | |

Sample ID: **N079834-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298708**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6446.350 | 19 | 100 | 2500 | 3987 | 98.4 | 90 | 110 | | | | |

Sample ID: **N079835-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298710**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 44238.000 | 190 | 1000 | 25000 | 18300 | 104 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079834-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/18/2025** SeqNo: **7298715**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 421.935 | 1.9 | 10 | 250.0 | 175.1 | 98.7 | 90 | 110 | | | | |

Sample ID: **N079834-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298716**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 552.955 | 1.9 | 10 | 250.0 | 306.9 | 98.4 | 90 | 110 | | | | |

Sample ID: **N079834-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298718**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1181.790 | 3.9 | 20 | 500.0 | 696.3 | 97.1 | 90 | 110 | | | | |

Sample ID: **N079834-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298721**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 722.090 | 1.9 | 10 | 250.0 | 483.4 | 95.5 | 90 | 110 | | | | |

Sample ID: **N079835-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298723**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079834-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298725**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.038 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID: **N079834-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298727**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.081 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID: **N079834-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298733**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.747 | 0.19 | 1.0 | 5.000 | 0.7560 | 99.8 | 90 | 110 | | | | |

Sample ID: **N079834-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298737**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.025 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | |

Sample ID: **N079835-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298739**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.682 | 0.19 | 1.0 | 5.000 | 0 | 93.6 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079835-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212046**
Client ID: **ZZZZZZ** Batch ID: **R212046** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7298741**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 954.850 | 3.9 | 20 | 500.0 | 454.1 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **MB-R212089** SampType: **MBLK** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **PBW** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301212**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

Sample ID: **LCS-R212089** SampType: **LCS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **LCSW** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301213**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.960 | 0.039 | 0.20 | 5.000 | 0 | 99.2 | 90 | 110 | | | | |

Sample ID: **N079835-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301217**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2835.140 | 7.7 | 40 | 1000 | 1816 | 102 | 90 | 110 | | | | |

Sample ID: **N079835-009AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301218**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2823.520 | 7.7 | 40 | 1000 | 1816 | 101 | 90 | 110 | 2835 | 0.411 | 20 | |

Sample ID: **N079835-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301220**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2825.320 | 7.7 | 40 | 1000 | 1823 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079835-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301222**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.039 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID: **N079835-007ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301224**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 676.290 | 3.9 | 20 | | | | | | 691.3 | 2.20 | 20 | |

Sample ID: **N079835-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301225**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1204.420 | 3.9 | 20 | 500.0 | 691.3 | 103 | 90 | 110 | | | | |

Sample ID: **N079835-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301229**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 56.731 | 0.19 | 1.0 | 25.00 | 31.22 | 102 | 90 | 110 | | | | |

Sample ID: **N079834-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301231**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.061 | 0.19 | 1.0 | 5.000 | 1.058 | 100 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079861-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301237**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 48.108 | 0.19 | 1.0 | 25.00 | 22.82 | 101 | 90 | 110 | | | | |

Sample ID: **N079861-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301239**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 48.103 | 0.19 | 1.0 | 25.00 | 22.69 | 102 | 90 | 110 | | | | |

Sample ID: **N079861-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301241**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID: **N079861-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301243**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 80.483 | 0.19 | 1.0 | 25.00 | 55.71 | 99.1 | 90 | 110 | | | | |

Sample ID: **N079861-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301247**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 14945.800 | 77 | 400 | 10000 | 4927 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079862-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301249**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.008 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | |

Sample ID: **N079862-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301251**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.118 | 0.039 | 0.20 | 1.000 | 0.1089 | 101 | 90 | 110 | | | | |

Sample ID: **N079862-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212089**
Client ID: **ZZZZZZ** Batch ID: **R212089** TestNo: **EPA 218.6** Analysis Date: **12/19/2025** SeqNo: **7301253**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.998 | 0.039 | 0.20 | 1.000 | 0 | 99.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-126196** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126196** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7327719** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-126196** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126196** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7327720** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.718 | 0.13 | 1.0 | 10.00 | 0 | 97.2 | 85 | 115 | | | | |

| Sample ID: **N079835-004CMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126196** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7327766** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 323.518 | 0.63 | 5.0 | 10.00 | 283.5 | 400 | 75 | 125 | | | | S |

| Sample ID: **N079835-004CMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126196** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7327768** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 305.530 | 0.63 | 5.0 | 10.00 | 283.5 | 220 | 75 | 125 | 323.5 | 5.72 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079835-004C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212525**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327764**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 323.928 | 0.63 | 5.0 | 50.00 | 283.5 | 80.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079834
Test Method: EPA 6020
Analysis Date: 12/31/2025

Matrix: Surface Water
Batch No.: 126196

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mo. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-004C DT 25x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-004C DT 25x | Manganese | Mn | µg/L | 89.3155 | PASS | 93.7054 | 4.68% | 10 |
| N079835-004C DT 25x | Molybdenum | Mo | µg/L | 12.40822 | NA | 13.67449 | 9.26% | 10 |
| N079835-004C DT 25x | Selenium | Se | µg/L | 105.5959 | PASS | 110.9864 | 4.86% | 10 |
| N079835-004C DT 25x | Chromium | Cr | µg/L | 266.68 | PASS | 283.5186 | 5.94% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-110-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:46:00 PM |
| **Lab ID:** | N079834-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 70 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-190-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:31:00 PM |
| **Lab ID:** | N079834-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 40 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 120 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:04:00 AM |
| **Lab ID:** | N079834-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 76 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID: **LCS-R212160** | SampType: **LCS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **212160** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R212160** | TestNo: **SM 2320 B** | | Analysis Date: **12/22/2025** | | | | SeqNo: **7307420** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 93.750 | 5.0 | 5.0 | 100.0 | 0 | 93.8 | 85 | 115 | | | | |

| Sample ID: **MB-R212160** | SampType: **MBLK** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **212160** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R212160** | TestNo: **SM 2320 B** | | Analysis Date: **12/22/2025** | | | | SeqNo: **7307421** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

| Sample ID: **N079861-002DDUP** | SampType: **DUP** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **212160** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212160** | TestNo: **SM 2320 B** | | Analysis Date: **12/22/2025** | | | | SeqNo: **7307432** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 70.833 | 5.0 | 5.0 | | | | | | 69.79 | 1.48 | 30 | |

| Sample ID: **N079861-002DMS** | SampType: **MS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **212160** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212160** | TestNo: **SM 2320 B** | | Analysis Date: **12/22/2025** | | | | SeqNo: **7307433** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 166.667 | 5.0 | 5.0 | 100.0 | 69.79 | 96.9 | 75 | 125 | | | | |

| Sample ID: **N079861-002DMSD** | SampType: **MSD** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **212160** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212160** | TestNo: **SM 2320 B** | | Analysis Date: **12/22/2025** | | | | SeqNo: **7307434** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 165.625 | 5.0 | 5.0 | 100.0 | 69.79 | 95.8 | 75 | 125 | 166.7 | 0.627 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-62-110-Q425
**Lab Order:** N079834
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/17/2025 3:46:00 PM
**Lab ID:** N079834-001
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/18/2025 10:40 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 3300 | 290 | 500 | | mg/L | 1000 | 12/18/2025 07:56 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.6 | 0.16 | 0.50 | | mg/L | 5 | 12/19/2025 07:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_260107A** QC Batch: **R212735** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 540 | 34 | 50 | | mg/L | 100 | 1/7/2026 12:26 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.55 | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 10:40 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-62-190-Q425
**Lab Order:** N079834
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/17/2025 3:31:00 PM
**Lab ID:** N079834-002
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/18/2025 10:56 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 6100 | 580 | 1000 | | mg/L | 2000 | 12/18/2025 09:18 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 4.5 | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 08:06 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_260107A** QC Batch: **R212735** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 690 | 34 | 50 | | mg/L | 100 | 1/7/2026 01:48 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 10:56 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:21:00 PM |
| **Lab ID:** | N079834-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 12 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 04:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-917-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:31:00 PM |
| **Lab ID:** | N079834-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 12 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 04:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-260-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:00:00 PM |
| **Lab ID:** | N079834-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 04:39 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-240-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:56:00 AM |
| **Lab ID:** | N079834-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 4.4 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 04:55 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-69-195-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079834-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 18 | 0.48 | 1.0 | | mg/L | 20 | 12/18/2025 05:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9D-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:35:00 PM |
| **Lab ID:** | N079834-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 16 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 06:01 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/18/2025 11:13 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 1000 | 58 | 100 | | mg/L | 200 | 12/18/2025 09:34 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 1.8 | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 08:22 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_260107A** QC Batch: **R212735** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 560 | 34 | 50 | | mg/L | 100 | 1/7/2026 02:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 15 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 11:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-65-225-Q425
**Lab Order:** N079834
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/17/2025 11:04:00 AM
**Lab ID:** N079834-012
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/18/2025 11:29 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 3700 | 290 | 500 | | mg/L | 1000 | 12/18/2025 09:51 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.0 | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 08:38 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_260107A** QC Batch: **R212735** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 670 | 34 | 50 | | mg/L | 100 | 1/7/2026 02:37 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** QC Batch: **R211998** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.3 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 11:29 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

Sample ID: **MB-R211998_BR** SampType: **MBLK** TestCode: **300_W_BRPG** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **PBW** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298424**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

Sample ID: **LCS-R211998_BR** SampType: **LCS** TestCode: **300_W_BRPG** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **LCSW** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298425**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.290 | 0.036 | 0.50 | 1.250 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079834-011CDUP** SampType: **DUP** TestCode: **300_W_BRPG** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298432**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.528 | 0.36 | 5.0 | | | | | | 1.411 | 0 | 20 | |

Sample ID: **N079834-012CMS** SampType: **MS** TestCode: **300_W_BRPG** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298433**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 13.733 | 0.36 | 5.0 | 12.50 | 0.5580 | 105 | 80 | 120 | | | | |

Sample ID: **N079834-012CMSD** SampType: **MSD** TestCode: **300_W_BRPG** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298434**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 13.667 | 0.36 | 5.0 | 12.50 | 0.5580 | 105 | 80 | 120 | 13.73 | 0.482 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID: **MB-R211998_CL** | SampType: **MBLK** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211998** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211998** | TestNo: **EPA 300.0** | | Analysis Date: **12/18/2025** | SeqNo: **7298401** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211998_CL** | SampType: **LCS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211998** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211998** | TestNo: **EPA 300.0** | | Analysis Date: **12/18/2025** | SeqNo: **7298402** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2.067 | 0.29 | 0.50 | 2.000 | 0 | 103 | 90 | 110 | | | | |

| Sample ID: **N079834-001CMS** | SampType: **MS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211998** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211998** | TestNo: **EPA 300.0** | | Analysis Date: **12/18/2025** | SeqNo: **7298408** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5335.300 | 290 | 500 | 2000 | 3254 | 104 | 80 | 120 | | | | |

| Sample ID: **N079834-001CMSD** | SampType: **MSD** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211998** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211998** | TestNo: **EPA 300.0** | | Analysis Date: **12/18/2025** | SeqNo: **7298409** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5294.800 | 290 | 500 | 2000 | 3254 | 102 | 80 | 120 | 5335 | 0.762 | 20 | |

| Sample ID: **N079834-012CDUP** | SampType: **DUP** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211998** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211998** | TestNo: **EPA 300.0** | | Analysis Date: **12/18/2025** | SeqNo: **7298415** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3673.900 | 290 | 500 | | | | | | 3689 | 0.413 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

Sample ID: **MB-R212109_F** SampType: **MBLK** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **PBW** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7303549**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | |

Sample ID: **LCS-R212109_F** SampType: **LCS** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **LCSW** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7303550**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.299 | 0.032 | 0.10 | 1.250 | 0 | 104 | 90 | 110 | | | | |

Sample ID: **N079861-001CMS** SampType: **MS** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7303558**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 13.088 | 0.32 | 1.0 | 12.50 | 0.5860 | 100 | 80 | 120 | | | | |

Sample ID: **N079861-001CMSD** SampType: **MSD** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7303559**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 13.241 | 0.32 | 1.0 | 12.50 | 0.5860 | 101 | 80 | 120 | 13.09 | 1.16 | 20 | |

Sample ID: **N079861-003CDUP** SampType: **DUP** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7303560**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 0.737 | 0.32 | 1.0 | | | | | | 0.6150 | 0 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **MB-R212735_SO4** SampType: **MBLK** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **212735**
Client ID: **PBW** Batch ID: **R212735** TestNo: **EPA 300.0** Analysis Date: **1/7/2026** SeqNo: **7336134**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

Sample ID: **LCS-R212735_SO4** SampType: **LCS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **212735**
Client ID: **LCSW** Batch ID: **R212735** TestNo: **EPA 300.0** Analysis Date: **1/7/2026** SeqNo: **7336135**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.836 | 0.34 | 0.50 | 4.000 | 0 | 95.9 | 90 | 110 | | | | |

Sample ID: **N079834-001CMS** SampType: **MS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **212735**
Client ID: **ZZZZZZ** Batch ID: **R212735** TestNo: **EPA 300.0** Analysis Date: **1/7/2026** SeqNo: **7336139**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 921.420 | 34 | 50 | 400.0 | 537.2 | 96.0 | 80 | 120 | | | | |

Sample ID: **N079834-001CMSD** SampType: **MSD** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **212735**
Client ID: **ZZZZZZ** Batch ID: **R212735** TestNo: **EPA 300.0** Analysis Date: **1/7/2026** SeqNo: **7336140**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 912.500 | 34 | 50 | 400.0 | 537.2 | 93.8 | 80 | 120 | 921.4 | 0.973 | 20 | |

Sample ID: **N079834-002CDUP** SampType: **DUP** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **212735**
Client ID: **ZZZZZZ** Batch ID: **R212735** TestNo: **EPA 300.0** Analysis Date: **1/7/2026** SeqNo: **7336142**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 699.620 | 34 | 50 | | | | | | 693.9 | 0.822 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **MB-R211998_NO3** SampType: **MBLK** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **PBW** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298447**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

Sample ID: **LCS-R211998_NO3** SampType: **LCS** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **LCSW** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298448**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.308 | 0.024 | 0.050 | 1.250 | 0 | 105 | 90 | 110 | | | | |

Sample ID: **N079835-004BMS** SampType: **MS** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298454**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 524.120 | 9.6 | 20 | 500.0 | 35.04 | 97.8 | 80 | 120 | | | | |

Sample ID: **N079835-004BMSD** SampType: **MSD** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298455**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 529.000 | 9.6 | 20 | 500.0 | 35.04 | 98.8 | 80 | 120 | 524.1 | 0.927 | 20 | |

Sample ID: **N079835-009BMS** SampType: **MS** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298459**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.737 | 0.12 | 0.25 | 6.250 | 0.7430 | 95.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **N079835-009BMSD** SampType: **MSD** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298460**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.944 | 0.12 | 0.25 | 6.250 | 0.7430 | 99.2 | 80 | 120 | 6.737 | 3.03 | 20 | |

Sample ID: **N079834-011CDUP** SampType: **DUP** TestCode: **300WLLNO3P** Units: **mg/L** Prep Date: RunNo: **211998**
Client ID: **ZZZZZZ** Batch ID: **R211998** TestNo: **EPA 300.0** Analysis Date: **12/18/2025** SeqNo: **7298461**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 13.956 | 0.24 | 0.50 | | | | | | 14.73 | 5.38 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-110-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:46:00 PM |
| **Lab ID:** | N079834-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:02 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Calcium | 190 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:02 PM |
| Magnesium | 9.8 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:02 PM |
| Potassium | 32 | 0.89 | 5.0 | | mg/L | 10 | 12/28/2025 09:41 PM |
| Sodium | 1900 | 57 | 250 | | mg/L | 500 | 12/28/2025 09:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-190-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:31:00 PM |
| **Lab ID:** | N079834-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | | PrepDate: | **12/23/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:04 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | | PrepDate: | **12/23/2025** | Analyst: **DJ** |
| Calcium | 300 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:04 PM |
| Magnesium | 14 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:04 PM |
| Potassium | 83 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:11 PM |
| Sodium | 3600 | 57 | 250 | | mg/L | 500 | 12/28/2025 10:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:07 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Calcium | 290 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:07 PM |
| Magnesium | 40 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:07 PM |
| Potassium | 19 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:20 PM |
| Sodium | 570 | 5.7 | 25 | | mg/L | 50 | 12/28/2025 10:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:04:00 AM |
| **Lab ID:** | N079834-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:09 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Calcium | 420 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:09 PM |
| Magnesium | 27 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:09 PM |
| Potassium | 52 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:23 PM |
| Sodium | 2400 | 57 | 250 | | mg/L | 500 | 12/28/2025 10:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-126256** | SampType: **MBLK** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317682** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS1-126256** | SampType: **LCS** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317683** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 103.100 | 5.8 | 20 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079957-001B-MS1** | SampType: **MS** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317702** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.420 | 5.8 | 20 | 100.0 | 0 | 106 | 75 | 125 | | | | |

| Sample ID: **N079957-001B-MSD1** | SampType: **MSD** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317705** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 111.170 | 5.8 | 20 | 100.0 | 0 | 111 | 75 | 125 | 124.7 | 11.5 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **MB-126256** SampType: **MBLK** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212349**
Client ID: **PBW** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317492**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

Sample ID: **LCS1-126256** SampType: **LCS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212349**
Client ID: **LCSW** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317493**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 11.056 | 0.068 | 0.50 | 10.00 | 0 | 111 | 85 | 115 | | | | |
| Magnesium | 10.760 | 0.013 | 0.10 | 10.00 | 0 | 108 | 85 | 115 | | | | |

Sample ID: **N079957-001B-MS1** SampType: **MS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212349**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317512**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 102.442 | 0.068 | 0.50 | 10.00 | 86.94 | 155 | 75 | 125 | | | | S |
| Magnesium | 14.483 | 0.013 | 0.10 | 10.00 | 3.326 | 112 | 75 | 125 | | | | |

Sample ID: **N079957-001B-MSD1** SampType: **MSD** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212349**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317515**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 97.117 | 0.068 | 0.50 | 10.00 | 86.94 | 102 | 75 | 125 | 102.4 | 5.34 | 20 | |
| Magnesium | 14.249 | 0.013 | 0.10 | 10.00 | 3.326 | 109 | 75 | 125 | 14.48 | 1.63 | 20 | |

Sample ID: **MB-126256** SampType: **MBLK** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **PBW** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324063**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **MB-126256** SampType: **MBLK** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **PBW** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324063**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

Sample ID: **LCS2-126256** SampType: **LCS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **LCSW** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324064**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 9.882 | 0.089 | 0.50 | 10.00 | 0 | 98.8 | 85 | 115 | | | | |
| Sodium | 10.038 | 0.11 | 0.50 | 10.00 | 0 | 100 | 85 | 115 | | | | |

Sample ID: **N079834-001B-MS2** SampType: **MS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324083**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 46.848 | 0.89 | 5.0 | 10.00 | 31.55 | 153 | 75 | 125 | | | | S |

Sample ID: **N079834-001B-MS2** SampType: **MS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324084**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2047.145 | 57 | 250 | 10.00 | 1942 | 1050 | 75 | 125 | | | | S |

Sample ID: **N079834-001B-MSD2** SampType: **MSD** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324085**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 48.670 | 0.89 | 5.0 | 10.00 | 31.55 | 171 | 75 | 125 | 46.85 | 3.81 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079834-001B-MSD2** SampType: **MSD** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: **12/23/2025** RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324086**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2076.601 | 57 | 250 | 10.00 | 1942 | 1340 | 75 | 125 | 2047 | 1.43 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N079957-001B-PS** SampType: **PS** TestCode: **6010_WDPGE** Units: **µg/L** Prep Date: RunNo: **212351**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317701**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.320 | 5.8 | 20 | 100.0 | 0 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079957-001B-PS** SampType: **PS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: RunNo: **212349**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317511**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 98.420 | 0.068 | 0.50 | 10.00 | 86.94 | 115 | 80 | 120 | | | | |
| Magnesium | 14.445 | 0.013 | 0.10 | 10.00 | 3.326 | 111 | 80 | 120 | | | | |

Sample ID: **N079834-001B-PS** SampType: **PS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324082**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 7380.570 | 57 | 250 | 5000 | 1942 | 109 | 80 | 120 | | | | |

Sample ID: **N079834-001B-PS** SampType: **PS** TestCode: **6010_WDPGE** Units: **mg/L** Prep Date: RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/29/2025** SeqNo: **7324152**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 145.642 | 0.89 | 5.0 | 100.0 | 31.55 | 114 | 80 | 120 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079834
Test Method: EPA 6010B
Analysis Date: 12/25/2025

Matrix: Groundwater
Batch No.: 126256

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079957-001B DT 5x | Calcium | Ca | mg/L | 91.33055 | PASS | 86.93861 | 5.05% | 10 |
| N079957-001B DT 5x | Magnesium | Mg | mg/L | 3.3898 | PASS | 3.3259 | 1.92% | 10 |
| N079957-001B DT 5x | Iron | Fe | µg/L | 0 | NA | 0 | | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079834
Test Method: EPA 6010B
Analysis Date: 12/28/2025

Matrix: Surface Water
Batch No.: 126256

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Na failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079834-001B DT 50x | Potassium | K | mg/L | 29.32442 | PASS | 31.5475 | 7.05% | 10 |
| N079834-001B DT 2500x | Sodium | Na | mg/L | 2242.507 | FAIL | 1942.445 | 15.45% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-110-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:46:00 PM |
| **Lab ID:** | N079834-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | Analyst: **DJ** | |
| Arsenic | 5.4 | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 11:59 PM |
| Manganese | 150 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 11:59 PM |
| Molybdenum | 46 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 11:59 PM |
| Selenium | 0.80 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 09:51 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-190-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:31:00 PM |
| **Lab ID:** | N079834-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | Analyst: **DJ** | |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 12:10 AM |
| Manganese | 430 | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 12:16 AM |
| Molybdenum | 45 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 12:10 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 12:10 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:21:00 PM |
| **Lab ID:** | N079834-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 12:22 AM |
| Manganese | 0.58 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 12:22 AM |
| Molybdenum | 63 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 12:22 AM |
| Selenium | 26 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 12:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-917-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:31:00 PM |
| **Lab ID:** | N079834-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 09:57 AM |
| Manganese | 0.55 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 12:57 AM |
| Molybdenum | 62 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 12:57 AM |
| Selenium | 26 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 12:57 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-260-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:00:00 PM |
| **Lab ID:** | N079834-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 01:14 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 01:14 AM |
| Molybdenum | 67 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 01:14 AM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 01:14 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-240-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:56:00 AM |
| **Lab ID:** | N079834-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 01:26 AM |
| Manganese | 22 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 01:26 AM |
| Molybdenum | 22 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 01:26 AM |
| Selenium | 3.9 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 01:26 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68BR-280-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:10:00 PM |
| **Lab ID:** | N079834-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 02:01 AM |
| Manganese | 12 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 02:01 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-69-195-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079834-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | 1.4 | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 02:13 AM |
| Manganese | 58 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 02:13 AM |
| Molybdenum | 49 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 02:13 AM |
| Selenium | 12 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 02:13 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9D-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 1:35:00 PM |
| **Lab ID:** | N079834-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 10:20 AM |
| Manganese | 7.6 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 02:24 AM |
| Molybdenum | 19 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 02:24 AM |
| Selenium | 18 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 02:24 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-160-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:14:00 PM |
| **Lab ID:** | N079834-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | 0.38 | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 10:39 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 02:42 AM |
| Molybdenum | 20 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 02:42 AM |
| Selenium | 8.8 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 02:42 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-65-225-Q425 |
| **Lab Order:** | N079834 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:04:00 AM |
| **Lab ID:** | N079834-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 03:11 AM |
| Manganese | 9.1 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 03:11 AM |
| Molybdenum | 21 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 03:11 AM |
| Selenium | 4.0 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 03:11 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-126196** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **PBW** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327883**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-126196** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **LCSW** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327884**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.890 | 0.067 | 0.10 | 10.00 | 0 | 88.9 | 85 | 115 | | | | |
| Manganese | 96.721 | 0.046 | 0.50 | 100.0 | 0 | 96.7 | 85 | 115 | | | | |
| Molybdenum | 8.977 | 0.063 | 0.50 | 10.00 | 0 | 89.8 | 85 | 115 | | | | |
| Selenium | 9.578 | 0.29 | 0.50 | 10.00 | 0 | 95.8 | 85 | 115 | | | | |

Sample ID: **N079835-004CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327930**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.849 | 0.34 | 0.50 | 10.00 | 0 | 98.5 | 75 | 125 | | | | |
| Manganese | 211.421 | 0.23 | 2.5 | 100.0 | 93.71 | 118 | 75 | 125 | | | | |
| Molybdenum | 26.636 | 0.32 | 2.5 | 10.00 | 13.67 | 130 | 75 | 125 | | | | S |
| Selenium | 131.989 | 1.4 | 2.5 | 10.00 | 111.0 | 210 | 75 | 125 | | | | S |

Sample ID: **N079835-004CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327932**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.923 | 0.34 | 0.50 | 10.00 | 0 | 89.2 | 75 | 125 | 9.849 | 9.86 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079835-004CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327932**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 194.442 | 0.23 | 2.5 | 100.0 | 93.71 | 101 | 75 | 125 | 211.4 | 8.37 | 20 | |
| Molybdenum | 24.073 | 0.32 | 2.5 | 10.00 | 13.67 | 104 | 75 | 125 | 26.64 | 10.1 | 20 | |
| Selenium | 122.732 | 1.4 | 2.5 | 10.00 | 111.0 | 117 | 75 | 125 | 132.0 | 7.27 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079834
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079835-004C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327928**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 45.721 | 0.34 | 0.50 | 50.00 | 0 | 91.4 | 80 | 120 | | | | |
| Manganese | 540.966 | 0.23 | 2.5 | 500.0 | 93.71 | 89.5 | 80 | 120 | | | | |
| Molybdenum | 61.372 | 0.32 | 2.5 | 50.00 | 13.67 | 95.4 | 80 | 120 | | | | |
| Selenium | 152.987 | 1.4 | 2.5 | 50.00 | 111.0 | 84.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079834
Test Method: EPA 6020
Analysis Date: 12/31/2025

Matrix: Surface Water
Batch No.: 126196

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mo. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-004C DT 25x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-004C DT 25x | Manganese | Mn | µg/L | 89.3155 | PASS | 93.7054 | 4.68% | 10 |
| N079835-004C DT 25x | Molybdenum | Mo | µg/L | 12.40822 | NA | 13.67449 | 9.26% | 10 |
| N079835-004C DT 25x | Selenium | Se | µg/L | 105.5959 | PASS | 110.9864 | 4.86% | 10 |
| N079835-004C DT 25x | Chromium | Cr | µg/L | 266.68 | PASS | 283.5186 | 5.94% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

Page 1 of 2

ARCUS02 C: 1/5/2026 12:00 AM
FOLDER R: 12/17/2025
N079834-014A 1 of 1

| | | | | | |
|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requ | | |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD | | RTNE |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker | | RWQCB ✓ |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec | | CalTrans |
| Submitted By: Ryan Tep | | | Others | ✓ | LEVEL III |
| Title: Field Tech | Phone: 720.344.3771 Fax: | Phone: Fax: | Specify: RWQCB | | LEVEL IV |
| Signature: Date: 12-17-25 | Sampled By: Ryan Tep | Global ID: | | | Regulatory |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | Specify State: | | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 12-17-25 | | | | |
| Project Number: 30251660 | | | | | |

| Matrix | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | ✓ | |
| 5. IR number | | 4 |
| 6. Method of Cooling: Ice | | |

Sample Temp: 1.5/1.9/1.9°C

Courier: ASSET
Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6): (NH4)2, SO4, NH4, OH 250 mL poly | Nitrate as N (EPA 300.0) 1L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Ammonia as N (SM4500-NH3D); H2SO4 500mL poly | Nitrate as N, bromide, chloride, fluoride, sulfate (EPA 300.0) 1L poly | Alkalinity, Total as CaCO3 (SM2320B) 1L poly | Total Dissolved Solids (SM2540C) 1L poly | Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 125mL poly | TOC (SM5310C); H2SO4 3x40 mL VOA | Dissolved metals (SW6020) FF; HNO3, calcium, iron, potassium, sodium, magnesium, manganese 500mL poly | Total metals, Iron (SW6010); HNO3 500mL poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Barium, boron, zinc 500mL poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese 500mL poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079834-001 | ✓ MW-62-110-Q425 | 12/17/2025 | 15:46 | | X | | X | X | | X | X | X | | | X | | | | E | 3 | P | BN | |
| 2 | -002 | ✓ MW-62-190-Q425 | 12/17/2025 | 15:31 | | X | | X | X | | X | X | X | | | X | | | | E | 3 | P | BN | |
| 3 | -003 | ✓ MW-67-225-Q425 | 12/17/2025 | 13:21 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| 4 | -004 | ✓ MW-917-Q425 | 12/17/2025 | 13:31 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| 5 | -005 | ✓ MW-67-260-Q425 | 12/17/2025 | 14:00 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| | -006 | ✓ MW-68-240-Q425 | 12/17/2025 | 11:56 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| 7 | -007 | ✓ MW-68BR-280-Q425 | 12/17/2025 | 13:10 | | X | | | X | | | | | | | | | | X | E | 2 | P | BN | |
| 8 | -008 | ✓ MW-69-195-Q425 | 12/17/2025 | 15:20 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| 9 | ~~-009~~ -009 | ✓ EB-758-Q425 | 12/17/2025 | 16:00 | | X | | | | | | | | | | | | | | E | 1 | P | BN | |
| 10 | -010 | ✓ PT9D-Q425 | 12/17/2025 | 13:35 | | X | X | X | X | | | | | | | | | | | E | 3 | P | BN | |
| 11 | -011 | ✓ MW-65-160-Q425 | 12/17/2025 | 14:14 | | X | X | X | X | | X | X | X | | | X | | | | E | 3 | P | BN | |
| 12 | -012 | ✓ MW-65-225-Q425 | 12/17/2025 | 11:04 | | X | X | X | X | | X | X | X | | | X | | | | E | 3 | P | BN | |
| 13 | -013 | ✓ EB-760-Q425 | 12/17/2025 | 1620 | | X | | | | | | | | | | | | | | E | 1 | P | BN | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Ryan Tep | 12-17-25 16:50 | Michael McCanta | 12/17/25 1650 |
| Michael McCanta | 12/17/25 1936 | Michael McCanta | 12/17/25 1936 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

| | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| | C | = 2 Workdays |
| | D | = 3 Workdays |
| X | E | = Routine 5-7 Workdays |

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/17/2025 Workorder: N079834

Rep sample Temp (Deg C): 1.5/1.9/1.9 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: for: VM MarcusC 12/18/2025

Reviewed By: For: MBC Mary Ann Yarra 12/28/2025

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079834

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079834-001A | MW-62-110-Q425 | 12/17/2025 3:46:00 PM | 1/5/2026 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-001B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-001C | | | 1/5/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079834-002A | MW-62-190-Q425 | 12/17/2025 3:31:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-002B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079834

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079834-002B | MW-62-190-Q425 | 12/17/2025 3:31:00 PM | 1/5/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-002C | | | 1/5/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079834-003A | MW-67-225-Q425 | 12/17/2025 1:21:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-003B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079834-003C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-004A | MW-917-Q425 | 12/17/2025 1:31:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-004B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079834-004C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-005A | MW-67-260-Q425 | 12/17/2025 2:00:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-005B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079834

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079834-005C | MW-67-260-Q425 | 12/17/2025 2:00:00 PM | 1/5/2026 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-006A | MW-68-240-Q425 | 12/17/2025 11:56:00 AM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-006B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079834-006C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-007A | MW-68BR-280-Q425 | 12/17/2025 1:10:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-007B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-008A | MW-69-195-Q425 | 12/17/2025 3:20:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-008B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079834-008C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-009A | EB-758-Q425 | 12/17/2025 4:00:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-010A | PT9D-Q425 | 12/17/2025 1:35:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-010B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079834-010C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079834

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079834-010C | PT9D-Q425 | 12/17/2025 1:35:00 PM | 1/5/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-011A | MW-65-160-Q425 | 12/17/2025 2:14:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-011B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-011C | | | 1/5/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079834-012A | MW-65-225-Q425 | 12/17/2025 11:04:00 AM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-012B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079834

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079834-012B | MW-65-225-Q425 | 12/17/2025 11:04:00 AM | 1/5/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079834-012C | | | 1/5/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079834-013A | EB-760-Q425 | 12/17/2025 4:20:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079834-014A | FOLDER | 1/5/2026 | 1/5/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/5/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/5/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 10, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079249

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 24, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079249

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-005 (PGE-08-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-006 (MW-66BR-270-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-009 (MW-97-202-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.9 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-005 (PGE-08-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 2.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-006 (MW-66BR-270-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.6 and 4.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (6.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079249-009 (MW-97-202-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 5.8 and 2.0 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079249-001C-MS and N079249-001C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079249
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079249-001A | MW-66-165-Q425 | Surface Water | 11/24/2025 3:02:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-001B | MW-66-165-Q425 | Surface Water | 11/24/2025 3:02:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-001C | MW-66-165-Q425 | Surface Water | 11/24/2025 3:02:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-002A | MW-66-230-Q425 | Surface Water | 11/24/2025 2:20:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-002B | MW-66-230-Q425 | Surface Water | 11/24/2025 2:20:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-002C | MW-66-230-Q425 | Surface Water | 11/24/2025 2:20:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-003A | MW-74-240-Q425 | Surface Water | 11/24/2025 1:12:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-003B | MW-74-240-Q425 | Surface Water | 11/24/2025 1:12:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-003C | MW-74-240-Q425 | Surface Water | 11/24/2025 1:12:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-004A | EB-732-Q425 | Surface Water | 11/24/2025 3:20:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-005A | PGE-08-Q425 | Surface Water | 11/24/2025 3:41:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-005B | PGE-08-Q425 | Surface Water | 11/24/2025 3:41:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-006A | MW-66BR-270-Q425 | Surface Water | 11/24/2025 12:31:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-006B | MW-66BR-270-Q425 | Surface Water | 11/24/2025 12:31:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-007A | EB-733-Q425 | Surface Water | 11/24/2025 3:51:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-008A | MW-97-042-Q425 | Surface Water | 11/24/2025 1:39:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-008B | MW-97-042-Q425 | Surface Water | 11/24/2025 1:39:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-009A | MW-97-202-Q425 | Surface Water | 11/24/2025 1:16:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-009B | MW-97-202-Q425 | Surface Water | 11/24/2025 1:16:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-010A | MW-47-055-Q425 | Surface Water | 11/24/2025 2:33:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-010B | MW-47-055-Q425 | Surface Water | 11/24/2025 2:33:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-011A | MW-47-115-Q425 | Surface Water | 11/24/2025 2:09:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-011B | MW-47-115-Q425 | Surface Water | 11/24/2025 2:09:00 PM | 11/24/2025 | 12/10/2025 |
| N079249-012A | EB-734-Q425 | Surface Water | 11/24/2025 3:00:00 PM | 11/24/2025 | 12/10/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66-165-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:02:00 PM |
| **Lab ID:** | N079249-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 330 | 1.9 | 10 | | µg/L | 50 | 11/29/2025 03:06 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251202D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 310 | 1.3 | 10 | | µg/L | 10 | 12/3/2025 09:05 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66-230-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 2:20:00 PM |
| **Lab ID:** | N079249-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 7100 | 77 | 400 | | µg/L | 2000 | 11/29/2025 03:28 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251202D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 7800 | 6.3 | 50 | | µg/L | 50 | 12/3/2025 09:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-74-240-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 1:12:00 PM |
| **Lab ID:** | N079249-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 03:47 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-732-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:20:00 PM |
| **Lab ID:** | N079249-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 05:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PGE-08-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:41:00 PM |
| **Lab ID:** | N079249-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/29/2025 06:56 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 1.9 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66BR-270-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 12:31:00 PM |
| **Lab ID:** | N079249-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 07:15 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 1.1 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-733-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:51:00 PM |
| **Lab ID:** | N079249-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 05:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-97-042-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 1:39:00 PM |
| **Lab ID:** | N079249-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** QC Batch: **R211123** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 46 | 0.19 | 1.0 | | µg/L | 5 | 11/29/2025 04:25 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125594** | | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 44 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-97-202-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 1:16:00 PM |
| **Lab ID:** | N079249-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 12:07 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 6.1 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-47-055-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 2:33:00 PM |
| **Lab ID:** | N079249-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** QC Batch: **R211123** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 16 | 0.19 | 1.0 | | µg/L | 5 | 11/29/2025 04:44 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125594** | | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 15 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 03:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-47-115-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 2:09:00 PM |
| **Lab ID:** | N079249-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** QC Batch: **R211175** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 12 | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 12:26 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125594** | | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 13 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 04:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-734-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:00:00 PM |
| **Lab ID:** | N079249-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 05:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211123 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238121 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211123 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238122 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.014 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | | |

| Sample ID | N079152-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238124 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.299 | 0.19 | 1.0 | 5.000 | 0 | 106 | 90 | 110 | | | | | |

| Sample ID | N079198-004ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238126 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 50.889 | 0.39 | 2.0 | | | | | | 51.04 | 0.288 | 20 | | |

| Sample ID | N079198-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238127 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 98.718 | 0.39 | 2.0 | 50.00 | 51.04 | 95.4 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079198-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238129 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1028.440 | 3.9 | 20 | 500.0 | 549.2 | 95.8 | 90 | 110 | | | | | | |

| Sample ID | N079198-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238133 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2677.440 | 7.7 | 40 | 1000 | 1608 | 107 | 90 | 110 | | | | | | |

| Sample ID | N079198-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238135 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.090 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079198-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238136 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1049.120 | 3.9 | 20 | 500.0 | 549.2 | 100 | 90 | 110 | 1028 | 1.99 | 20 | | | |

| Sample ID | N079249-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238138 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 571.560 | 1.9 | 10 | 250.0 | 330.8 | 96.3 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079249-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238140 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 17040.200 | 77 | 400 | 10000 | 7090 | 99.5 | 90 | 110 | | | | | | |

| Sample ID | N079249-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238144 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.113 | 0.039 | 0.20 | 1.000 | 0.1080 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079249-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238146 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 70.923 | 0.19 | 1.0 | 25.00 | 46.31 | 98.5 | 90 | 110 | | | | | | |

| Sample ID | N079249-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238148 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 41.374 | 0.19 | 1.0 | 25.00 | 15.95 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079249-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238150 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.068 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079249-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238152 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.095 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | | | |

| Sample ID | N079249-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238156 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.079 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N079249-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238160 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.919 | 0.19 | 1.0 | 5.000 | 0 | 98.4 | 90 | 110 | | | | | | |

| Sample ID | N079249-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211123 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211123 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/29/2025 | | SeqNo: | 7238162 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.901 | 0.039 | 0.20 | 1.000 | 0 | 90.1 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211175 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242310 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211175 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242311 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.112 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079249-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242313 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.131 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N079249-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242315 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 17.395 | 0.19 | 1.0 | 5.000 | 12.33 | 101 | 90 | 110 | | | | | |

| Sample ID | N079248-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242320 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.947 | 0.039 | 0.20 | 1.000 | 0 | 94.7 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242321 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 54.320 | 0.19 | 1.0 | 25.00 | 29.67 | 98.6 | 90 | 110 | | | | | | |

| Sample ID | N079292-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242322 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 54.063 | 0.19 | 1.0 | 25.00 | 29.67 | 97.6 | 90 | 110 | 54.32 | 0.473 | 20 | | | |

| Sample ID | N079292-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242325 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 28.920 | 0.19 | 1.0 | | | | | | 29.67 | 2.56 | 20 | | | |

| Sample ID | N079292-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242327 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 12.952 | 0.039 | 0.20 | 5.000 | 7.672 | 106 | 90 | 110 | | | | | | |

| Sample ID | N079292-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242329 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 8.816 | 0.039 | 0.20 | 5.000 | 3.826 | 99.8 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242331 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 38.589 | 0.19 | 1.0 | 25.00 | 12.87 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079248-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242335 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.112 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079248-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242337 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.101 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079292-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242339 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.047 | 0.039 | 0.20 | 1.000 | 0.1391 | 90.8 | 90 | 110 | | | | | | |

| Sample ID | N079292-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242347 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.991 | 0.19 | 1.0 | 5.000 | 0 | 99.8 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242349 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.179 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079292-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242351 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.870 | 0.19 | 1.0 | 5.000 | 0 | 97.4 | 90 | 110 | | | | | | |

| Sample ID | N079292-014AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242355 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.967 | 0.19 | 1.0 | 5.000 | 0 | 99.3 | 90 | 110 | | | | | | |

| Sample ID | N079292-015AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242357 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.834 | 0.19 | 1.0 | 5.000 | 0 | 96.7 | 90 | 110 | | | | | | |

| Sample ID | N079292-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242359 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 45.266 | 0.19 | 1.0 | 25.00 | 20.41 | 99.4 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125594 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244539 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 0.254 | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125594 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244540 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.744 | 0.13 | 1.0 | 10.00 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N079249-001C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7247677 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 342.839 | 1.3 | 10 | 10.00 | 310.2 | 327 | 75 | 125 | | | | S |

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7247678 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 365.880 | 1.3 | 10 | 10.00 | 310.2 | 557 | 75 | 125 | 342.8 | 6.50 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N079249-001C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **211266**
Client ID: **ZZZZZZ** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/3/2025** SeqNo: **7247676**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 437.460 | 1.3 | 10 | 100.0 | 310.2 | 127 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079249
Test Method: EPA 6020
Analysis Date: 11/30 & 12/3/2025

Matrix: Surface Water
Batch No.: 125594

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079249-001C DT 5x | Arsenic | As | µg/L | 0.9954561 | NA | 1.294713 | 23.11% | 10 |
| N079249-001C DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079249-001C DT 5x | Molybdenum | Mo | µg/L | 4.223497 | NA | 3.966492 | 6.48% | 10 |
| N079249-001C DT 5x | Selenium | Se | µg/L | 11.0998 | NA | 10.51381 | 5.57% | 10 |
| N079249-001C DT 50x | Chromium | Cr | µg/L | 307.8309 | PASS | 310.161 | 0.75% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66-165-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:02:00 PM |
| **Lab ID:** | N079249-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251125A** | QC Batch: **R210940** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 15 | 0.48 | 1.0 | | mg/L | 20 | 11/25/2025 11:07 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
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| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66-230-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 2:20:00 PM |
| **Lab ID:** | N079249-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251125A** | QC Batch: **R210940** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 22 | 1.2 | 2.5 | | mg/L | 50 | 11/25/2025 11:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-74-240-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 1:12:00 PM |
| **Lab ID:** | N079249-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251125A** | QC Batch: **R210940** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 11/25/2025 12:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210940_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | | RunNo: | 210940 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210940 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/25/2025 | | | SeqNo: | 7222901 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | | |

| Sample ID | LCS-R210940_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | | RunNo: | 210940 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210940 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/25/2025 | | | SeqNo: | 7222902 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Nitrate as N | 1.294 | 0.024 | 0.050 | 1.250 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079249-001BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | | RunNo: | 210940 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210940 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/25/2025 | | | SeqNo: | 7222905 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Nitrate as N | 15.194 | 0.48 | 1.0 | | | | | | 15.16 | 0.250 | 20 | | | |

| Sample ID | N079249-002BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | | RunNo: | 210940 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210940 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/25/2025 | | | SeqNo: | 7222906 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Nitrate as N | 85.720 | 1.2 | 2.5 | 62.50 | 21.94 | 102 | 80 | 120 | | | | | | |

| Sample ID | N079249-002BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | | RunNo: | 210940 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210940 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/25/2025 | | | SeqNo: | 7222907 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Nitrate as N | 86.220 | 1.2 | 2.5 | 62.50 | 21.94 | 103 | 80 | 120 | 85.72 | 0.582 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-66-165-Q425
**Lab Order:** N079249
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/24/2025 3:02:00 PM
**Lab ID:** N079249-001
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | | **11/29/2025** | Analyst: **DJ** |
| Arsenic | 1.3 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 02:16 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/30/2025 02:16 PM |
| Molybdenum | 4.0 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 02:16 PM |
| Selenium | 11 | 0.29 | 0.50 | | µg/L | 1 | 12/3/2025 03:28 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66-230-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 2:20:00 PM |
| **Lab ID:** | N079249-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 2.8 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 03:03 PM |
| Manganese | 0.51 | 0.046 | 0.50 | | µg/L | 1 | 11/30/2025 03:03 PM |
| Molybdenum | 72 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 03:03 PM |
| Selenium | 17 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 03:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
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| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-74-240-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 1:12:00 PM |
| **Lab ID:** | N079249-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 9.9 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 03:15 PM |
| Manganese | 7.6 | 0.046 | 0.50 | | µg/L | 1 | 11/30/2025 03:15 PM |
| Molybdenum | 58 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 03:15 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 03:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PGE-08-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 3:41:00 PM |
| **Lab ID:** | N079249-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 03:21 PM |
| Manganese | 380 | 0.46 | 5.0 | | µg/L | 10 | 12/3/2025 04:08 AM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-66BR-270-Q425 |
| **Lab Order:** | N079249 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/24/2025 12:31:00 PM |
| **Lab ID:** | N079249-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 03:26 PM |
| Manganese | 540 | 0.46 | 5.0 | | µg/L | 10 | 12/3/2025 04:14 AM |

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|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125594** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **PBW** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243452**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125594** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **LCSW** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243453**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.054 | 0.067 | 0.10 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Manganese | 108.590 | 0.046 | 0.50 | 100.0 | 0 | 109 | 85 | 115 | | | | |
| Molybdenum | 9.664 | 0.063 | 0.50 | 10.00 | 0 | 96.6 | 85 | 115 | | | | |
| Selenium | 10.038 | 0.29 | 0.50 | 10.00 | 0 | 100 | 85 | 115 | | | | |

Sample ID **N079249-001C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **ZZZZZZ** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243460**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.254 | 0.067 | 0.10 | 10.00 | 1.295 | 99.6 | 75 | 125 | | | | |
| Manganese | 105.356 | 0.046 | 0.50 | 100.0 | 0 | 105 | 75 | 125 | | | | |
| Molybdenum | 15.409 | 0.063 | 0.50 | 10.00 | 3.966 | 114 | 75 | 125 | | | | |

Sample ID **N079249-001C-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **ZZZZZZ** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243463**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.033 | 0.067 | 0.10 | 10.00 | 1.295 | 97.4 | 75 | 125 | 11.25 | 1.98 | 20 | |
| Manganese | 104.737 | 0.046 | 0.50 | 100.0 | 0 | 105 | 75 | 125 | 105.4 | 0.590 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243463 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 14.995 | 0.063 | 0.50 | 10.00 | 3.966 | 110 | 75 | 125 | 15.41 | 2.72 | 20 | |

| Sample ID | N079249-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252730 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 20.216 | 0.29 | 0.50 | 10.00 | 10.51 | 97.0 | 75 | 125 | | | | |

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252731 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 20.431 | 0.29 | 0.50 | 10.00 | 10.51 | 99.2 | 75 | 125 | 20.22 | 1.06 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079249
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079249-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243459 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.447 | 0.067 | 0.10 | 10.00 | 1.295 | 102 | 80 | 120 | | | | |
| Manganese | 103.035 | 0.046 | 0.50 | 100.0 | 0 | 103 | 80 | 120 | | | | |
| Molybdenum | 14.803 | 0.063 | 0.50 | 10.00 | 3.966 | 108 | 80 | 120 | | | | |

| Sample ID | N079249-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252729 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 19.996 | 0.29 | 0.50 | 10.00 | 10.51 | 94.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079249 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/30 & 12/3/2025 |
| Matrix: | Surface Water |
| Batch No.: | 125594 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079249-001C DT 5x | Arsenic | As | µg/L | 0.9954561 | NA | 1.294713 | 23.11% | 10 |
| N079249-001C DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079249-001C DT 5x | Molybdenum | Mo | µg/L | 4.223497 | NA | 3.966492 | 6.48% | 10 |
| N079249-001C DT 5x | Selenium | Se | µg/L | 11.0998 | NA | 10.51381 | 5.57% | 10 |
| N079249-001C DT 50x | Chromium | Cr | µg/L | 307.8309 | PASS | 310.161 | 0.75% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 12/10/202 12:00 AM
FOLDER R: 11/24/2025
N079249-013A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirem |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Rissie Tap | Phone: 720.344.3771 Fax: | Phone: Fax: | Others ✓ |
| Title: Field Tech | | | Specify: RWQCB |
| Signature: Date: 11-24-25 | Sampled By: Rissie Tap | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11-24-25 | | |
| Project Number: 30251660 | | | |

| Matrix | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| | |
|---|---|
| RTNE | |
| RWQCB | ✓ |
| CalTrans | |
| LEVEL III | |
| LEVEL IV | |
| Regulatory | |
| Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | | |
| 4. Seal Present | | |
| 5. IR number | | |

6. Method of Cooling: ice

Sample Temp: 1.5°c

Courier: ASSET

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2 SO4, NH4, OH 250 mL poly | Nitrate (EPA 300.0) 1L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Dissolved metals (SW6020) FF; HNO3 molybdenum, selenium 500mL poly | Nitrate (EPA 300.0) 1L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese 500mL poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079249-001 | MW-66-165-Q425 | 11/24/2025 | 15:02 | | X | X | X | X | | | | E | 3 | P | BN | |
| 2 | -002 | MW-66-230-Q425 | 11/24/2025 | 14:20 | | X | X | X | X | | | | E | 3 | P | BN | |
| 3 | -003 | MW-74-240-Q425 | 11/24/2025 | 13:12 | | X | X | X | X | | | | E | 3 | P | BN | |
| 4 | -004 | EB-732-Q425 | 11/24/2025 | 15:20 | | X | | | | | | | E | 1 | P | BN | |
| 5 | -005 | PGE-08-Q425 | 11/24/2025 | 15:41 | | X | | | X | | | X | E | 2 | P | BN | |
| | -006 | MW-66BR-270-Q425 | 11/24/2025 | 12:31 | | X | | | X | | | X | E | 2 | P | BN | |
| 7 | -007 | EB-733-Q425 | 11/24/2025 | 15:51 | | X | | | | | | | E | 1 | P | BN | |
| 8 | -008 | MW-97-042-Q425 | 11/24/2025 | 13:39 | | X | | | X | | | | E | 2 | P | BN | |
| 9 | -009 | MW-97-202-Q425 | 11/24/2025 | 13:16 | | X | | | X | | | | E | 2 | P | BN | |
| 10 | -010 | MW-47-055-Q425 | 11/24/2025 | 14:33 | | X | | | X | | | | E | 2 | P | BN | |
| 11 | -011 | MW-47-115-Q425 | 11/24/2025 | 14:09 | | X | | | X | | | | E | 2 | P | BN | |
| 12 | -012 | EB-734-Q425 | 11/24/2025 | 1500 | | X | | | | | | | E | 1 | P | BN | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Rissie Tap 11-24-25 Date/Time: 1617

Relinquished by (Signature and Printed Name): Michael Alcantar Date/Time: 11/24/25 1617

Relinquished by (Signature and Printed Name): Michael Alcantar 11/24/25 Date/Time: 1835

Relinquished by (Signature and Printed Name): Michael Alcantar Date/Time: 11/24/25 1835

**Turn Around Time (TAT)**

| | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| | C | = 2 Workdays |
| | D | = 3 Workdays |
| x | E | = Routine 5-7 Workdays |

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/24/2025 | Workorder: | N079249 |
| Rep sample Temp (Deg C): | 1.5 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

FOR

Checklist Completed By: VM Marcus C
11/25/2025

Reviewed By: MBC For: Ian Almario
11/27/2025

# ASSET Laboratories

## WORK ORDER Summary

*27-Nov-25*

**WorkOrder:** N079249

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/24/2025 6:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079249-001A | MW-66-165-Q425 | 11/24/2025 3:02:00 PM | 12/10/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-001B | | | 12/10/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079249-001C | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-002A | MW-66-230-Q425 | 11/24/2025 2:20:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-002B | | | 12/10/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079249-002C | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-003A | MW-74-240-Q425 | 11/24/2025 1:12:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-003B | | | 12/10/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079249-003C | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-004A | EB-732-Q425 | 11/24/2025 3:20:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-005A | PGE-08-Q425 | 11/24/2025 3:41:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-005B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-006A | MW-66BR-270-Q425 | 11/24/2025 12:31:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-006B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*27-Nov-25*

**WorkOrder:** N079249

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/24/2025 6:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079249-006B | MW-66BR-270-Q425 | 11/24/2025 12:31:00 PM | 12/10/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-007A | EB-733-Q425 | 11/24/2025 3:51:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-008A | MW-97-042-Q425 | 11/24/2025 1:39:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-008B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-009A | MW-97-202-Q425 | 11/24/2025 1:16:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-009B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-010A | MW-47-055-Q425 | 11/24/2025 2:33:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-010B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-011A | MW-47-115-Q425 | 11/24/2025 2:09:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-011B | | | 12/10/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/10/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079249-012A | EB-734-Q425 | 11/24/2025 3:00:00 PM | 12/10/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079249-013A | FOLDER | 12/10/2025 | 12/10/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/10/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/10/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 06, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079859

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

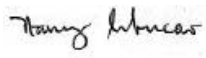
Enclosed are the results for sample(s) received on December 18, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079859

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Chromium in QC sample N079835-009C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Barium in QC sample N079835-009CMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *06-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079859
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079859-001A | MW-46-205-Q425 | Groundwater | 12/18/2025 9:35:00 AM | 12/18/2025 | 1/6/2026 |
| N079859-001B | MW-46-205-Q425 | Groundwater | 12/18/2025 9:35:00 AM | 12/18/2025 | 1/6/2026 |
| N079859-001C | MW-46-205-Q425 | Groundwater | 12/18/2025 9:35:00 AM | 12/18/2025 | 1/6/2026 |
| N079859-001D | MW-46-205-Q425 | Groundwater | 12/18/2025 9:35:00 AM | 12/18/2025 | 1/6/2026 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-46-205-Q425
**Lab Order:** N079859
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 12/18/2025 9:35:00 AM
**Lab ID:** N079859-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251223A** QC Batch: **R212299** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.3 | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 04:33 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230D** QC Batch: **126197** | | | | PrepDate: **12/20/2025** | | | Analyst: **DJ** |
| Chromium | 1.3 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 06:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **MB-R212299** SampType: **MBLK** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **PBW** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315224**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

Sample ID: **LCS-R212299** SampType: **LCS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **LCSW** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315225**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.899 | 0.039 | 0.20 | 5.000 | 0 | 98.0 | 90 | 110 | | | | |

Sample ID: **N079955-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315229**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.953 | 0.039 | 0.20 | 1.000 | 0 | 95.3 | 90 | 110 | | | | |

Sample ID: **N079955-001AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315230**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.912 | 0.039 | 0.20 | 1.000 | 0 | 91.2 | 90 | 110 | 0.9534 | 4.46 | 20 | |

Sample ID: **N079955-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315232**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079955-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315233**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.950 | 0.039 | 0.20 | 1.000 | 0 | 95.0 | 90 | 110 | | | | |

Sample ID: **N079954-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315236**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.421 | 0.039 | 0.20 | 1.000 | 0.4478 | 97.3 | 90 | 110 | | | | |

Sample ID: **N079954-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315238**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.982 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | |

Sample ID: **N079954-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315240**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.946 | 0.039 | 0.20 | 1.000 | 0 | 94.6 | 90 | 110 | | | | |

Sample ID: **N079860-002ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315242**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 13.345 | 0.19 | 1.0 | | | | | | 13.09 | 1.93 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079860-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315243**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.276 | 0.19 | 1.0 | 25.00 | 13.09 | 101 | 90 | 110 | | | | |

Sample ID: **N079861-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315248**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 266.700 | 0.77 | 4.0 | 100.0 | 169.3 | 97.4 | 90 | 110 | | | | |

Sample ID: **N079859-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315250**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.437 | 0.19 | 1.0 | 5.000 | 1.276 | 103 | 90 | 110 | | | | |

Sample ID: **N079860-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315252**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.768 | 0.19 | 1.0 | 5.000 | 0.7100 | 101 | 90 | 110 | | | | |

Sample ID: **N079955-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315254**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.060 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079955-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315256**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.075 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID: **N079955-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315261**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09660 | 99.0 | 90 | 110 | | | | |

Sample ID: **N079860-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315262**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.245 | 0.19 | 1.0 | 25.00 | 13.37 | 99.5 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **LCS-126197** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126197** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7327639** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.233 | 0.13 | 1.0 | 10.00 | 0 | 92.3 | 85 | 115 | | | | |

| Sample ID: **N079835-009CMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126197** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7327651** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1643.319 | 3.2 | 25 | 10.00 | 1632 | 111 | 75 | 125 | | | | |

| Sample ID: **N079835-009CMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126197** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7327654** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1449.855 | 3.2 | 25 | 10.00 | 1632 | -1820 | 75 | 125 | 1643 | 12.5 | 20 | S |

| Sample ID: **MB-126197** | SampType: **MBLK** | TestCode: **6020DIS_CRP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212525** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126197** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7328190** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079835-009C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212525**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327646**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1988.321 | 3.2 | 25 | 250.0 | 1632 | 142 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079859 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/30/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126197 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 5x | Barium | Ba | µg/L | 30.06336 | PASS | 27.33813 | 9.97% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-205-Q425 |
| **Lab Order:** | N079859 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/18/2025 9:35:00 AM |
| **Lab ID:** | N079859-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.1 | 0.12 | 0.25 | | mg/L | 5 | 12/19/2025 03:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **MB-R212109_NO3** SampType: **MBLK** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **PBW** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307360**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

Sample ID: **LCS-R212109_NO3** SampType: **LCS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **LCSW** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307361**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.338 | 0.024 | 0.050 | 1.250 | 0 | 107 | 90 | 110 | | | | |

Sample ID: **N079861-003CDUP** SampType: **DUP** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307368**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 11.345 | 0.24 | 0.50 | | | | | | 11.41 | 0.571 | 20 | |

Sample ID: **N079859-001CMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307370**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 7.067 | 0.12 | 0.25 | 6.250 | 1.096 | 95.5 | 80 | 120 | | | | |

Sample ID: **N079881-001GMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307372**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 42.968 | 0.48 | 1.0 | 25.00 | 17.70 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **N079881-001GMSD** SampType: **MSD** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **212109**
Client ID: **ZZZZZZ** Batch ID: **R212109** TestNo: **EPA 300.0** Analysis Date: **12/19/2025** SeqNo: **7307375**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 43.298 | 0.48 | 1.0 | 25.00 | 17.70 | 102 | 80 | 120 | 42.97 | 0.765 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-205-Q425 |
| **Lab Order:** | N079859 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/18/2025 9:35:00 AM |
| **Lab ID:** | N079859-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251229A** | QC Batch: **126347** | | | PrepDate: | **12/29/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/29/2025 01:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID: **LCS-126347** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/29/2025** | RunNo: **212626** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126347** | TestNo: **SM 5310B** | | Analysis Date: **12/29/2025** | SeqNo: **7333226** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.291 | 0.090 | 1.0 | 5.000 | 0 | 106 | 85 | 115 | | | | |

| Sample ID: **MB-126347** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/29/2025** | RunNo: **212626** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126347** | TestNo: **SM 5310B** | | Analysis Date: **12/29/2025** | SeqNo: **7333227** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID: **N079859-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/29/2025** | RunNo: **212626** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126347** | TestNo: **SM 5310B** | | Analysis Date: **12/29/2025** | SeqNo: **7333229** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.713 | 0.090 | 1.0 | 5.000 | 0.2108 | 110 | 75 | 125 | | | | |

| Sample ID: **N079859-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/29/2025** | RunNo: **212626** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126347** | TestNo: **SM 5310B** | | Analysis Date: **12/29/2025** | SeqNo: **7333230** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.591 | 0.090 | 1.0 | 5.000 | 0.2108 | 108 | 75 | 125 | 5.713 | 2.16 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-205-Q425 |
| **Lab Order:** | N079859 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/18/2025 9:35:00 AM |
| **Lab ID:** | N079859-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | | PrepDate: | **12/23/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-126256** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317682** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS1-126256** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317683** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 103.100 | 5.8 | 20 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079957-001B-MS1** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317702** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.420 | 5.8 | 20 | 100.0 | 0 | 106 | 75 | 125 | | | | |

| Sample ID: **N079957-001B-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317705** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 111.170 | 5.8 | 20 | 100.0 | 0 | 111 | 75 | 125 | 124.7 | 11.5 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N079957-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: RunNo: **212351**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317701**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.320 | 5.8 | 20 | 100.0 | 0 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079859
Test Method: EPA 6010B
Analysis Date: 12/25/2025

Matrix: Groundwater
Batch No.: 126256

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079957-001B DT 5x | Iron | Fe | µg/L | 0 | NA | 0 | | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-205-Q425 |
| **Lab Order:** | N079859 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/18/2025 9:35:00 AM |
| **Lab ID:** | N079859-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 06:39 PM |
| Barium | 26 | 0.050 | 1.0 | | µg/L | 1 | 12/30/2025 06:39 PM |
| Manganese | 1.6 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 06:39 PM |
| Molybdenum | 280 | 0.32 | 2.5 | | µg/L | 5 | 12/30/2025 06:45 PM |
| Selenium | 0.86 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 06:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **LCS-126197** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **LCSW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327803**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.321 | 0.067 | 0.10 | 10.00 | 0 | 93.2 | 85 | 115 | | | | |
| Barium | 9.430 | 0.050 | 1.0 | 10.00 | 0 | 94.3 | 85 | 115 | | | | |
| Manganese | 94.389 | 0.046 | 0.50 | 100.0 | 0 | 94.4 | 85 | 115 | | | | |
| Molybdenum | 9.251 | 0.063 | 0.50 | 10.00 | 0 | 92.5 | 85 | 115 | | | | |
| Selenium | 9.181 | 0.29 | 0.50 | 10.00 | 0 | 91.8 | 85 | 115 | | | | |

Sample ID: **N079835-009CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327813**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.725 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | | | | |
| Barium | 36.426 | 0.050 | 1.0 | 10.00 | 27.34 | 90.9 | 75 | 125 | | | | |
| Manganese | 88.620 | 0.046 | 0.50 | 100.0 | 0.8557 | 87.8 | 75 | 125 | | | | |
| Molybdenum | 63.562 | 0.063 | 0.50 | 10.00 | 52.24 | 113 | 75 | 125 | | | | |
| Selenium | 9.566 | 0.29 | 0.50 | 10.00 | 0.8585 | 87.1 | 75 | 125 | | | | |

Sample ID: **N079835-009CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327816**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.415 | 0.067 | 0.10 | 10.00 | 0 | 94.2 | 75 | 125 | 8.725 | 7.61 | 20 | |
| Barium | 34.408 | 0.050 | 1.0 | 10.00 | 27.34 | 70.7 | 75 | 125 | 36.43 | 5.70 | 20 | S |
| Manganese | 91.953 | 0.046 | 0.50 | 100.0 | 0.8557 | 91.1 | 75 | 125 | 88.62 | 3.69 | 20 | |
| Molybdenum | 61.417 | 0.063 | 0.50 | 10.00 | 52.24 | 91.8 | 75 | 125 | 63.56 | 3.43 | 20 | |
| Selenium | 10.538 | 0.29 | 0.50 | 10.00 | 0.8585 | 96.8 | 75 | 125 | 9.566 | 9.67 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-126197** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **PBW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7328237**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079859
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079835-009C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327808**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.280 | 0.067 | 0.10 | 10.00 | 0 | 92.8 | 80 | 120 | | | | |
| Barium | 37.712 | 0.050 | 1.0 | 10.00 | 27.34 | 104 | 80 | 120 | | | | |
| Manganese | 86.801 | 0.046 | 0.50 | 100.0 | 0.8557 | 85.9 | 80 | 120 | | | | |
| Molybdenum | 63.663 | 0.063 | 0.50 | 10.00 | 52.24 | 114 | 80 | 120 | | | | |
| Selenium | 9.542 | 0.29 | 0.50 | 10.00 | 0.8585 | 86.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079859
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Groundwater
Batch No.: 126197

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 5x | Barium | Ba | µg/L | 30.06336 | PASS | 27.33813 | 9.97% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 1/6/2026 12:00 AM
FOLDER R: 12/18/2025
N079859-002A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirem... |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Riggio Top | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Others ✓ |
| Title: Field Tech | | | Specify: RWQCB |
| Signature: 12-18-25 | Sampled By: Riggio Top | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: | Date: 12-18-25 | |
| Project Number: 30251660 | | | |

| EDD Requirem... | | RTNE | |
|---|---|---|---|
| Excel EDD | | RWQCB | ✓ |
| Geotracker | | CalTrans | |
| Labspec | | LEVEL III | |
| Others | ✓ | LEVEL IV | |
| Specify: RWQCB | | Regulatory | |
| Global ID: | | Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | | ✓ |
| 6. Method of Cooling: | ICE | |
| Sample Temp: | 0.8°C | |
| Courier: | | |
| Tracking No.: | | |

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 arsenic, manganese (500mL poly) | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079859-001 | ✓ MW-46-205-Q425 | 12/18/2025 | 9:35 | | X | | X | X | X | X | | | X | | | | E | 4 | P | BNS | |
| 2 | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | |
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| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggio Top 12-18-25 | 16:35 | Michael Mentzer 12/18/25 | 1635 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
| Michael Mentzer 12/18/25 | 1935 | Michael Mentzer 12/18/25 | 1935 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/18/2025 | Workorder: | N079859 |
| Rep sample Temp (Deg C): | 0.8 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

for:

Checklist Completed By: VM Jana Carganilla

12/19/2025

For:

Reviewed By: MBC Mary Ann Yarra

12/28/2025

# ASSET Laboratories

## WORK ORDER Summary

*19-Dec-25*

**WorkOrder:** N079859

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079859-001A | MW-46-205-Q425 | 12/18/2025 9:35:00 AM | 1/6/2026 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079859-001B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079859-001C | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079859-001D | | | 1/6/2026 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 1/6/2026 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079859-002A | FOLDER | 1/6/2026 | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 04, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078946

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 14, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078946

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

## ASSET Laboratories

**Date:** *04-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078946
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078946-001A | MW-43-025-EB-Q425 | Groundwater | 11/14/2025 8:42:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-002A | MW-43-025-Q425 | Groundwater | 11/14/2025 9:02:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-002B | MW-43-025-Q425 | Groundwater | 11/14/2025 9:02:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-002C | MW-43-025-Q425 | Groundwater | 11/14/2025 9:02:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-002D | MW-43-025-Q425 | Groundwater | 11/14/2025 9:02:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-003A | MW-43-075-EB-Q425 | Groundwater | 11/14/2025 8:16:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-004A | MW-43-075-Q425 | Groundwater | 11/14/2025 8:35:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-004B | MW-43-075-Q425 | Groundwater | 11/14/2025 8:35:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-004C | MW-43-075-Q425 | Groundwater | 11/14/2025 8:35:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-004D | MW-43-075-Q425 | Groundwater | 11/14/2025 8:35:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-005A | MW-43-090-EB-Q425 | Groundwater | 11/14/2025 7:50:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-006A | MW-43-090-Q425 | Groundwater | 11/14/2025 8:11:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-006B | MW-43-090-Q425 | Groundwater | 11/14/2025 8:11:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-006C | MW-43-090-Q425 | Groundwater | 11/14/2025 8:11:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-006D | MW-43-090-Q425 | Groundwater | 11/14/2025 8:11:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-007A | EB-715-Q425 | Groundwater | 11/14/2025 9:12:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-008A | MW-42-030-Q425 | Groundwater | 11/14/2025 8:31:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-008B | MW-42-030-Q425 | Groundwater | 11/14/2025 8:31:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-008C | MW-42-030-Q425 | Groundwater | 11/14/2025 8:31:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-008D | MW-42-030-Q425 | Groundwater | 11/14/2025 8:31:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-009A | MW-42-055-Q425 | Groundwater | 11/14/2025 8:10:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-009B | MW-42-055-Q425 | Groundwater | 11/14/2025 8:10:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-009C | MW-42-055-Q425 | Groundwater | 11/14/2025 8:10:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-009D | MW-42-055-Q425 | Groundwater | 11/14/2025 8:10:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-010A | MW-42-055-EB-Q425 | Groundwater | 11/14/2025 7:53:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-011A | MW-42-065-EB-Q425 | Groundwater | 11/14/2025 7:32:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-012A | MW-42-065-Q425 | Groundwater | 11/14/2025 7:49:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-012B | MW-42-065-Q425 | Groundwater | 11/14/2025 7:49:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-012C | MW-42-065-Q425 | Groundwater | 11/14/2025 7:49:00 AM | 11/14/2025 | 12/3/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078946
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078946-012D | MW-42-065-Q425 | Groundwater | 11/14/2025 7:49:00 AM | 11/14/2025 | 12/3/2025 |
| N078946-013A | EB-716-Q425 | Groundwater | 11/14/2025 8:50:00 AM | 11/14/2025 | 12/3/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-EB-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:42:00 AM |
| **Lab ID:** | N078946-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 03:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:02:00 AM |
| **Lab ID:** | N078946-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 12:50 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/19/2025 11:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-EB-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:16:00 AM |
| **Lab ID:** | N078946-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 03:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:35:00 AM |
| **Lab ID:** | N078946-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/21/2025 05:19 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/19/2025 11:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-EB-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:50:00 AM |
| **Lab ID:** | N078946-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 04:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:11:00 AM |
| **Lab ID:** | N078946-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/21/2025 05:57 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/20/2025 12:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-715-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:12:00 AM |
| **Lab ID:** | N078946-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 12:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-030-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:31:00 AM |
| **Lab ID:** | N078946-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 01:28 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/20/2025 12:09 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:10:00 AM |
| **Lab ID:** | N078946-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 01:47 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/20/2025 12:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-EB-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:53:00 AM |
| **Lab ID:** | N078946-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 02:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-EB-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:32:00 AM |
| **Lab ID:** | N078946-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 03:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:49:00 AM |
| **Lab ID:** | N078946-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/21/2025 06:54 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119G** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/20/2025 12:21 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-716-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:50:00 AM |
| **Lab ID:** | N078946-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 05:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210805 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212869 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210805 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212870 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.954 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N078917-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212872 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 7.700 | 0.19 | 1.0 | 5.000 | 3.183 | 90.3 | 90 | 110 | | | | | |

| Sample ID | N078917-008AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212873 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 7.978 | 0.19 | 1.0 | 5.000 | 3.183 | 95.9 | 90 | 110 | 7.700 | 3.54 | 20 | | |

| Sample ID | N078917-007ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212875 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | | | | | 0 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078917-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212876 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.931 | 0.19 | 1.0 | 5.000 | 0 | 98.6 | 90 | 110 | | | | | |

| Sample ID | N078918-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212878 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.400 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | | |

| Sample ID | N078918-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212882 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.678 | 0.19 | 1.0 | 5.000 | 0.3095 | 107 | 90 | 110 | | | | | |

| Sample ID | N078946-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212884 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.122 | 0.039 | 0.20 | 1.000 | 0.07970 | 104 | 90 | 110 | | | | | |

| Sample ID | N078946-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212886 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.067 | 0.039 | 0.20 | 1.000 | 0.06260 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078946-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212888**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.099 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID **N078946-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.133 | 0.039 | 0.20 | 1.000 | 0.1387 | 99.5 | 90 | 110 | | | | |

Sample ID **N078946-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212894**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.167 | 0.039 | 0.20 | 1.000 | 0.1071 | 106 | 90 | 110 | | | | |

Sample ID **N078946-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212896**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.172 | 0.039 | 0.20 | 1.000 | 0.09830 | 107 | 90 | 110 | | | | |

Sample ID **N078946-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212898**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.106 | 0.039 | 0.20 | 1.000 | 0.1060 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078946-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212900**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.156 | 0.039 | 0.20 | 1.000 | 0.08210 | 107 | 90 | 110 | | | | |

Sample ID **N078946-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212906**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08890 | 104 | 90 | 110 | | | | |

Sample ID **N078946-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212908**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.388 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078946-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.134 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID **N078946-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212914**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.420 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079010-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210805 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | SeqNo: | 7212916 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.939 | 0.039 | 0.20 | 1.000 | 0 | 93.9 | 90 | 110 | | | | |

| Sample ID | N079010-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210805 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | SeqNo: | 7212918 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09880 | 98.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210862 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218177 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210862 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218178 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.956 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N079150-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218180 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.139 | 0.039 | 0.20 | 1.000 | 0.07840 | 106 | 90 | 110 | | | | | |

| Sample ID | N079150-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218181 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.177 | 0.039 | 0.20 | 1.000 | 0.07840 | 110 | 90 | 110 | 1.139 | 3.26 | 20 | | |

| Sample ID | N079150-009ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218183 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.083 | 0.039 | 0.20 | | | | | | 0.08010 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079150-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218184**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08010 | 105 | 90 | 110 | | | | |

Sample ID **N078946-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218186**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.128 | 0.039 | 0.20 | 1.000 | 0.1342 | 99.4 | 90 | 110 | | | | |

Sample ID **N079012-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218190**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.084 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N078679-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218195**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.297 | 0.039 | 0.20 | 1.000 | 0.2708 | 103 | 90 | 110 | | | | |

Sample ID **N079010-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218199**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.998 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079010-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218201**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID **N079010-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218205**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.345 | 0.19 | 1.0 | 5.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID **N079150-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218207**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.140 | 0.039 | 0.20 | 1.000 | 0.1007 | 104 | 90 | 110 | | | | |

Sample ID **N079150-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218209**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.141 | 0.039 | 0.20 | 1.000 | 0.1079 | 103 | 90 | 110 | | | | |

Sample ID **N079150-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218211**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.107 | 0.039 | 0.20 | 1.000 | 0.08040 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079150-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218213 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.129 | 0.039 | 0.20 | 1.000 | 0.07870 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079150-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218217 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.171 | 0.039 | 0.20 | 1.000 | 0.08770 | 108 | 90 | 110 | | | | | | |

| Sample ID | N079150-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218219 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.1181 | 99.1 | 90 | 110 | | | | | | |

| Sample ID | N079150-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218221 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0.08910 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079150-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210862 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210862 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/22/2025 | | SeqNo: | 7218223 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.148 | 0.039 | 0.20 | 1.000 | 0.08940 | 106 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125259 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210713 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7208073 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125259 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210713 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7208074 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.894 | 0.13 | 1.0 | 10.00 | 0 | 98.9 | 85 | 115 | | | | |

| Sample ID | N078918-001E-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210713 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7208078 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.929 | 0.13 | 1.0 | 10.00 | 0.5815 | 93.5 | 75 | 125 | | | | |

| Sample ID | N078918-001E-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210713 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7208079 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.022 | 0.13 | 1.0 | 10.00 | 0.5815 | 94.4 | 75 | 125 | 9.929 | 0.929 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N078918-001E-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210713**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7208077**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.017 | 0.13 | 1.0 | 10.00 | 0.5815 | 94.4 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078946
Test Method: EPA 6020
Analysis Date: 11/19,21

Matrix: Groundwater
Batch No.: 125259

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba failed. However, PS passed criteria.
Dilution test is not applicable to Se, As, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-001E DT 5x | Barium | Ba | µg/L | 38.70055 | FAIL | 33.24197 | 16.42% | 10 |
| N078918-001E DT 5x | Molybdenum | Mo | µg/L | 16.21594 | PASS | 14.86908 | 9.06% | 10 |
| N078918-001E DT 5x | Selenium | Se | µg/L | 0 | NA | 0.3105183 | 100.00% | 10 |
| N078918-001E DT 5x | Manganese | Mn | µg/L | 181.6403 | PASS | 168.1368 | 8.03% | 10 |
| N078918-001E DT 5x | Arsenic | As | µg/L | 0 | NA | 0.2419123 | 100.00% | 10 |
| N078918-001E DT 5x | Chromium | Cr | µg/L | 0.6556793 | NA | 0.5815249 | 12.75% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:02:00 AM |
| **Lab ID:** | N078946-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 11:26 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:35:00 AM |
| **Lab ID:** | N078946-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 11:42 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:11:00 AM |
| **Lab ID:** | N078946-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 11:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-030-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:31:00 AM |
| **Lab ID:** | N078946-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/15/2025 12:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:10:00 AM |
| **Lab ID:** | N078946-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/15/2025 01:21 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:49:00 AM |
| **Lab ID:** | N078946-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114B** | QC Batch: **R210450** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/15/2025 02:10 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210450_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210450 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210450 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7193861 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R210450_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210450 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210450 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7193862 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.289 | 0.024 | 0.050 | 1.250 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N078946-008DDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210450 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210450 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/15/2025 | | SeqNo: | 7193867 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.12 | 0.25 | | | | | | 0 | 0 | 20 | | |

| Sample ID | N078946-008DMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210450 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210450 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/15/2025 | | SeqNo: | 7193868 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 5.969 | 0.12 | 0.25 | 6.250 | 0 | 95.5 | 80 | 120 | | | | | |

| Sample ID | N078946-008DMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210450 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210450 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/15/2025 | | SeqNo: | 7193869 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 6.432 | 0.12 | 0.25 | 6.250 | 0 | 103 | 80 | 120 | 5.968 | 7.48 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:02:00 AM |
| **Lab ID:** | N078946-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 6.8 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 04:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:35:00 AM |
| **Lab ID:** | N078946-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 4.7 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 04:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:11:00 AM |
| **Lab ID:** | N078946-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.7 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 04:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-030-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:31:00 AM |
| **Lab ID:** | N078946-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 7.5 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 05:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:10:00 AM |
| **Lab ID:** | N078946-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.9 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 05:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:49:00 AM |
| **Lab ID:** | N078946-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251119A** | QC Batch: **125353** | | | PrepDate: | **11/19/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.6 | 0.090 | 1.0 | | mg/L | 1 | 11/19/2025 05:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125353** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208222** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.062 | 0.090 | 1.0 | 5.000 | 0 | 101 | 85 | 115 | | | | |

| Sample ID **MB-125353** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208223** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078918-001B-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208225** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.768 | 0.090 | 1.0 | 5.000 | 1.722 | 101 | 75 | 125 | | | | |

| Sample ID **N078918-001B-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/19/2025** | RunNo: **210717** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125353** | TestNo: **SM 5310B** | | Analysis Date: **11/19/2025** | SeqNo: **7208226** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.913 | 0.090 | 1.0 | 5.000 | 1.722 | 104 | 75 | 125 | 6.768 | 2.12 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:02:00 AM |
| **Lab ID:** | N078946-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Iron | 7000 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:33 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:35:00 AM |
| **Lab ID:** | N078946-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 4100 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:11:00 AM |
| **Lab ID:** | N078946-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 1600 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-030-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:31:00 AM |
| **Lab ID:** | N078946-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 1300 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:40 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:10:00 AM |
| **Lab ID:** | N078946-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 630 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:49:00 AM |
| **Lab ID:** | N078946-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251128I** | QC Batch: **125451** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 530 | 5.8 | 20 | | µg/L | 1 | 11/28/2025 02:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **MB-125451** | SampType: | **MBLK** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/23/2025** | RunNo: | **211100** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **125451** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/28/2025** | SeqNo: | **7235709** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | **LCS-125451** | SampType: | **LCS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/23/2025** | RunNo: | **211100** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **125451** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/28/2025** | SeqNo: | **7235710** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.260 | 5.8 | 20 | 100.0 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | **N079112-003BMS** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/23/2025** | RunNo: | **211100** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125451** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/28/2025** | SeqNo: | **7235728** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1028.510 | 5.8 | 20 | 100.0 | 919.6 | 109 | 75 | 125 | | | | |

| Sample ID | **N079112-003BMSD** | SampType: | **MSD** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/23/2025** | RunNo: | **211100** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125451** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/28/2025** | SeqNo: | **7235729** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1029.650 | 5.8 | 20 | 100.0 | 919.6 | 110 | 75 | 125 | 1029 | 0.111 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | **N079112-003B-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | | | RunNo: | **211100** | | |
| Client ID: | **ZZZZZZ** | Batch ID: | **125451** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/28/2025** | | SeqNo: | **7235727** | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 1036.200 | 5.8 | 20 | 100.0 | 919.6 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078946 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/28/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125451 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Fe failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079112-003B DT 5x | Iron | Fe | µg/L | 1067.4 | FAIL | 919.56 | 16.08% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 9:02:00 AM |
| **Lab ID:** | N078946-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251119F** | QC Batch: **125259** | | | | PrepDate: **11/18/2025** | | Analyst: **DJ** |
| Arsenic | 33 | 0.067 | 0.10 | | µg/L | 1 | 11/19/2025 11:51 PM |
| Barium | 120 | 0.050 | 1.0 | | µg/L | 1 | 11/19/2025 11:51 PM |
| Manganese | 580 | 0.46 | 5.0 | | µg/L | 10 | 11/21/2025 06:40 PM |
| Molybdenum | 6.7 | 0.063 | 0.50 | | µg/L | 1 | 11/19/2025 11:51 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/19/2025 11:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-075-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:35:00 AM |
| **Lab ID:** | N078946-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251119F** | QC Batch: **125259** | | | | PrepDate: **11/18/2025** | | Analyst: **DJ** |
| Arsenic | 8.8 | 0.067 | 0.10 | | µg/L | 1 | 11/19/2025 11:57 PM |
| Barium | 68 | 0.050 | 1.0 | | µg/L | 1 | 11/19/2025 11:57 PM |
| Manganese | 760 | 0.46 | 5.0 | | µg/L | 10 | 11/21/2025 06:46 PM |
| Molybdenum | 14 | 0.063 | 0.50 | | µg/L | 1 | 11/19/2025 11:57 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/19/2025 11:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-090-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:11:00 AM |
| **Lab ID:** | N078946-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251119F** | QC Batch: **125259** | | | | PrepDate: **11/18/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/20/2025 12:03 AM |
| Barium | 57 | 0.050 | 1.0 | | µg/L | 1 | 11/20/2025 12:03 AM |
| Manganese | 760 | 0.46 | 5.0 | | µg/L | 10 | 11/21/2025 06:52 PM |
| Molybdenum | 27 | 0.063 | 0.50 | | µg/L | 1 | 11/20/2025 12:03 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/20/2025 12:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-030-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:31:00 AM |
| **Lab ID:** | N078946-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251119F** | QC Batch: **125259** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Arsenic | 0.85 | 0.067 | 0.10 | | µg/L | 1 | 11/20/2025 12:09 AM |
| Barium | 230 | 0.50 | 10 | | µg/L | 10 | 11/21/2025 06:57 PM |
| Manganese | 150 | 0.046 | 0.50 | | µg/L | 1 | 11/20/2025 12:09 AM |
| Molybdenum | 8.2 | 0.063 | 0.50 | | µg/L | 1 | 11/20/2025 12:09 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/20/2025 12:09 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-055-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 8:10:00 AM |
| **Lab ID:** | N078946-009 | **Matrix:** | GROUNDWATER |

**DISSOLVED METALS BY ICP-MS**

**EPA 3010A** **EPA 6020**

RunID: **NV00922-ICP8_251119F** QC Batch: **125259** PrepDate: **11/18/2025** Analyst: **DJ**

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | 14 | 0.067 | 0.10 | | µg/L | 1 | 11/20/2025 12:15 AM |
| Barium | 370 | 0.50 | 10 | | µg/L | 10 | 11/21/2025 07:03 PM |
| Manganese | 590 | 0.46 | 5.0 | | µg/L | 10 | 11/21/2025 07:03 PM |
| Molybdenum | 3.7 | 0.063 | 0.50 | | µg/L | 1 | 11/20/2025 12:15 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/20/2025 12:15 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-42-065-Q425 |
| **Lab Order:** | N078946 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/14/2025 7:49:00 AM |
| **Lab ID:** | N078946-012 | **Matrix:** | GROUNDWATER |

**DISSOLVED METALS BY ICP-MS**

**EPA 3010A** **EPA 6020**

RunID: **NV00922-ICP8_251123A** QC Batch: **125259** PrepDate: **11/18/2025** Analyst: **DJ**

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | 0.74 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 04:20 PM |
| Barium | 77 | 0.050 | 1.0 | | µg/L | 1 | 11/20/2025 12:21 AM |
| Manganese | 2100 | 4.6 | 50 | | µg/L | 100 | 11/21/2025 07:38 PM |
| Molybdenum | 17 | 0.063 | 0.50 | | µg/L | 1 | 11/20/2025 12:21 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/20/2025 12:21 AM |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125259** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **PBW** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207708**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125259** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **LCSW** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207709**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.279 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Barium | 10.135 | 0.050 | 1.0 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Manganese | 99.228 | 0.046 | 0.50 | 100.0 | 0 | 99.2 | 85 | 115 | | | | |
| Molybdenum | 9.948 | 0.063 | 0.50 | 10.00 | 0 | 99.5 | 85 | 115 | | | | |
| Selenium | 10.058 | 0.29 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |

Sample ID **N078918-001E-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207713**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 44.122 | 0.050 | 1.0 | 10.00 | 33.24 | 109 | 75 | 125 | | | | |
| Molybdenum | 25.516 | 0.063 | 0.50 | 10.00 | 14.87 | 106 | 75 | 125 | | | | |
| Selenium | 8.845 | 0.29 | 0.50 | 10.00 | 0.3105 | 85.3 | 75 | 125 | | | | |

Sample ID **N078918-001E-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207714**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N078918-001E-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207714**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 43.549 | 0.050 | 1.0 | 10.00 | 33.24 | 103 | 75 | 125 | 44.12 | 1.31 | 20 | |
| Molybdenum | 25.515 | 0.063 | 0.50 | 10.00 | 14.87 | 106 | 75 | 125 | 25.52 | 0.00242 | 20 | |
| Selenium | 9.020 | 0.29 | 0.50 | 10.00 | 0.3105 | 87.1 | 75 | 125 | 8.845 | 1.96 | 20 | |

Sample ID **N078918-001E-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207720**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 555.715 | 0.23 | 2.5 | 500.0 | 168.1 | 77.5 | 75 | 125 | | | | |

Sample ID **N078918-001E-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210702**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/19/2025** SeqNo: **7207721**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 559.881 | 0.23 | 2.5 | 500.0 | 168.1 | 78.3 | 75 | 125 | 555.7 | 0.747 | 20 | |

Sample ID **N078918-001E-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210791**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/21/2025** SeqNo: **7212825**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.699 | 0.067 | 0.10 | 10.00 | 0.2419 | 105 | 75 | 125 | | | | |

Sample ID **N078918-001E-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/18/2025** RunNo: **210791**
Client ID: **ZZZZZZ** Batch ID: **125259** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/21/2025** SeqNo: **7212826**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.445 | 0.067 | 0.10 | 10.00 | 0.2419 | 102 | 75 | 125 | 10.70 | 2.40 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078946
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078918-001E-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210702 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207712 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 43.833 | 0.050 | 1.0 | 10.00 | 33.24 | 106 | 80 | 120 | | | | |
| Molybdenum | 25.464 | 0.063 | 0.50 | 10.00 | 14.87 | 106 | 80 | 120 | | | | |
| Selenium | 9.567 | 0.29 | 0.50 | 10.00 | 0.3105 | 92.6 | 80 | 120 | | | | |

| Sample ID | N078918-001E-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210702 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207719 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 635.827 | 0.23 | 2.5 | 500.0 | 168.1 | 93.5 | 80 | 120 | | | | |

| Sample ID | N078918-001E-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210791 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125259 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/21/2025 | SeqNo: | 7212824 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.537 | 0.067 | 0.10 | 10.00 | 0.2419 | 103 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078946
Test Method: EPA 6020
Analysis Date: 11/19,21

Matrix: Groundwater
Batch No.: 125259

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba failed. However, PS passed criteria.
Dilution test is not applicable to Se, As, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-001E DT 5x | Barium | Ba | µg/L | 38.70055 | FAIL | 33.24197 | 16.42% | 10 |
| N078918-001E DT 5x | Molybdenum | Mo | µg/L | 16.21594 | PASS | 14.86908 | 9.06% | 10 |
| N078918-001E DT 5x | Selenium | Se | µg/L | 0 | NA | 0.3105183 | 100.00% | 10 |
| N078918-001E DT 5x | Manganese | Mn | µg/L | 181.6403 | PASS | 168.1368 | 8.03% | 10 |
| N078918-001E DT 5x | Arsenic | As | µg/L | 0 | NA | 0.2419123 | 100.00% | 10 |
| N078918-001E DT 5x | Chromium | Cr | µg/L | 0.6556793 | NA | 0.5815249 | 12.75% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 12/1/2025 12:00 AM
FOLDER R: 11/14/2025
N078946-014A 1 of 1

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement | QA/QC | Sample Receipt Condition | | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD | RTNE | | Y | N |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker | RWQCB ✓ | 1. Chilled | | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec | CalTrans | 2. Headspace | | |
| Submitted By: Riggie Tep | | Phone: 949 293-2445 Fax: | Others ✓ | LEVEL III | 3. Container Intact | | |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | Specify: RWQCB | LEVEL IV | 4. Seal Present | | |
| Signature: Date: 11-14-25 | Sampled By: Riggie Tep | | Global ID: | Regulatory | 5. IR number 4 | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | | Specify State: | 6. Method of Cooling: ICE | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-14-25 | | | | Sample Temp: 5.3°C | | |
| Project Number: 30251660 | | | | | Courier: ASSET Tracking No.: | | |

Matrix: Ground X | Sediment; Potable | Soil; NPDES | Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078946-001 | MW-43-025-EB-Q425 | 11/14/2025 | 8:42 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 2 | -002 | MW-43-025-Q425 | 11/14/2025 | 9:02 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 3 | -003 | MW-43-075-EB-Q425 | 11/14/2025 | 8:16 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 4 | -004 | MW-43-075-Q425 | 11/14/2025 | 8:35 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 5 | -005 | MW-43-090-EB-Q425 | 11/14/2025 | 7:50 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 6 | -006 | MW-43-090-Q425 | 11/14/2025 | 8:11 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 7 | -007 | EB-715-Q425 | 11/14/2025 | 9:12 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 8 | -008 | MW-42-030-Q425 | 11/14/2025 | 08:31 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 9 | -009 | MW-42-055-Q425 | 11/14/2025 | 08:10 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 10 | -010 | MW-42-055-EB-Q425 | 11/14/2025 | 07:53 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 11 | -011 | MW-42-065-EB-Q425 | 11/14/2025 | 07:32 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 12 | -012 | MW-42-065-Q425 | 11/14/2025 | 07:49 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 13 | -013 | EB-716-Q425 | 11/14/2025 | 08:58 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 14 | | | 11/14/2025 | | | X | | | | | | | | | | | | | E | 1 | P | BNS |

Relinquished by (Signature and Printed Name): Riggie Tep 11-14-25 09:37 Date/Time:
Received by (Signature and Printed Name): Dina ROMEO ALCANTARA 11/14/25 1230 Date/Time:
Relinquished by (Signature and Printed Name): Dina ROMEO ALCANTARA 11/14/25 1553 Date/Time:
Received by (Signature and Printed Name): Marcus Martin 11/14/25 1553 Date/Time:
Relinquished by (Signature and Printed Name): Date/Time:
Received by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/14/2025 | Workorder: | N078946 |
| Rep sample Temp (Deg C): | 5.3 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☑ | No ☐ | NA ☐ |
| Was Client notified? | Yes ☑ | No ☐ | NA ☐ |

Comments: See Correspondence

Checklist Completed By: VM **Vaughn M.**
11/14/2025

Reviewed By: MBC For: Ian Almario
11/23/2025

**Subject:** Re: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078946)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 11/14/2025, 7:59 PM
**To:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**CC:** "yoandra@assetlaboratories.com" <yoandra@assetlaboratories.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, Ian Almario <ian.almario@assetlaboratoriesph.com>, "jcarlo.turla@assetlaboratoriesph.com" <jcarlo.turla@assetlaboratoriesph.com>, "marlon@assetlaboratories.com" <marlon@assetlaboratories.com>

Hi,
Sample IDs should end in “Q425”

Thanks!
Laura

Get Outlook for iOS

---

**From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**Sent:** Friday, November 14, 2025 8:30:02 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** Marlon Cartin <marlon@assetlaboratories.com>; yoandra@assetlaboratories.com <yoandra@assetlaboratories.com>; maryann.balilu@assetlaboratoriesph.com <maryann.balilu@assetlaboratoriesph.com>; Ian Almario <ian.almario@assetlaboratoriesph.com>; jcarlo.turla@assetlaboratoriesph.com <jcarlo.turla@assetlaboratoriesph.com>
**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078946)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Greetings and Good day to you!

We would like to confirm on the following issue regarding the attached COC.

1. Sample 1 (Sample ID)
   COC: MW-43-025-EB-**Q425**
   Label: MW-43-025-EB-**Q424**

2. Sample 3 (Sample ID)
   COC: MW-43-075-EB-**Q425**
   Label: MW-43-075-EB-**Q424**

3. Sample 5 (Sample ID)
   COC: MW-43-090-EB-**Q425**

Label: MW-43-090-EB-**Q424**

Please confirm.

--

**Best Regards,**

**Vaughn Mariano**
Sample Control Officer

E-mail: vaughn@assetlaboratories.com

**ASSET Laboratories**
Northern California: 1170 National Dr., Ste 100, Sacramento, CA 95834 I M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P: 562.219.7435 I F: 562.219.7436
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 I P: 702.307.2659 Ext. 410 I F: 702.307.2691 I M: 702.439.0421

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# ASSET Laboratories

## WORK ORDER Summary

*23-Nov-25*

**WorkOrder:** N078946

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/14/2025 3:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078946-001A | MW-43-025-EB-Q425 | 11/14/2025 8:42:00 AM | 12/2/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-002A | MW-43-025-Q425 | 11/14/2025 9:02:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-002B | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-002C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-002D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-003A | MW-43-075-EB-Q425 | 11/14/2025 8:16:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-004A | MW-43-075-Q425 | 11/14/2025 8:35:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-004B | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-004C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-004D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-005A | MW-43-090-EB-Q425 | 11/14/2025 7:50:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-006A | MW-43-090-Q425 | 11/14/2025 8:11:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*23-Nov-25*

**WorkOrder:** N078946

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/14/2025 3:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078946-006B | MW-43-090-Q425 | 11/14/2025 8:11:00 AM | 12/2/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-006C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-006D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-007A | EB-715-Q425 | 11/14/2025 9:12:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-008A | MW-42-030-Q425 | 11/14/2025 8:31:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-008B | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-008C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-008D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-009A | MW-42-055-Q425 | 11/14/2025 8:10:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-009B | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*23-Nov-25*

**WorkOrder:** N078946

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/14/2025 3:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078946-009B | MW-42-055-Q425 | 11/14/2025 8:10:00 AM | 12/2/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-009C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-009D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-010A | MW-42-055-EB-Q425 | 11/14/2025 7:53:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-011A | MW-42-065-EB-Q425 | 11/14/2025 7:32:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-012A | MW-42-065-Q425 | 11/14/2025 7:49:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-012B | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/2/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078946-012C | | | 12/2/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/2/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078946-012D | | | 12/2/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078946-013A | EB-716-Q425 | 11/14/2025 8:50:00 AM | 12/2/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078946-014A | FOLDER | 12/2/2025 | 12/2/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/2/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/2/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 03, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078917

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 13, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078917

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Iron in QC samples N078916-002C-MS and N078916-002C-MSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Manganese in QC samples N078916-002C-MS and N078916-002C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *03-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078917
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078917-001A | MW-44-070-EB-Q425 | Groundwater | 11/13/2025 12:20:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-002A | MW-44-070-Q425 | Groundwater | 11/13/2025 12:40:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-002B | MW-44-070-Q425 | Groundwater | 11/13/2025 12:40:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-002C | MW-44-070-Q425 | Groundwater | 11/13/2025 12:40:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-002D | MW-44-070-Q425 | Groundwater | 11/13/2025 12:40:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-003A | MW-44-115-Q425 | Groundwater | 11/13/2025 11:43:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-003B | MW-44-115-Q425 | Groundwater | 11/13/2025 11:43:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-003C | MW-44-115-Q425 | Groundwater | 11/13/2025 11:43:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-003D | MW-44-115-Q425 | Groundwater | 11/13/2025 11:43:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-004A | MW-913-Q425 | Groundwater | 11/13/2025 11:53:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-004B | MW-913-Q425 | Groundwater | 11/13/2025 11:53:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-004C | MW-913-Q425 | Groundwater | 11/13/2025 11:53:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-004D | MW-913-Q425 | Groundwater | 11/13/2025 11:53:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-005A | MW-44-125-Q425 | Groundwater | 11/13/2025 12:15:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-005B | MW-44-125-Q425 | Groundwater | 11/13/2025 12:15:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-005C | MW-44-125-Q425 | Groundwater | 11/13/2025 12:15:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-005D | MW-44-125-Q425 | Groundwater | 11/13/2025 12:15:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-006A | MW-46-175-Q425 | Groundwater | 11/13/2025 10:52:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-006B | MW-46-175-Q425 | Groundwater | 11/13/2025 10:52:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-006C | MW-46-175-Q425 | Groundwater | 11/13/2025 10:52:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-006D | MW-46-175-Q425 | Groundwater | 11/13/2025 10:52:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-007A | MW-45-095a-Q425 | Groundwater | 11/13/2025 1:13:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-007B | MW-45-095a-Q425 | Groundwater | 11/13/2025 1:13:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-007C | MW-45-095a-Q425 | Groundwater | 11/13/2025 1:13:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-007D | MW-45-095a-Q425 | Groundwater | 11/13/2025 1:13:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-008A | PT6D-Q425 | Groundwater | 11/13/2025 1:46:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-008B | PT6D-Q425 | Groundwater | 11/13/2025 1:46:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-008C | PT6D-Q425 | Groundwater | 11/13/2025 1:46:00 PM | 11/13/2025 | 12/2/2025 |
| N078917-008D | PT6D-Q425 | Groundwater | 11/13/2025 1:46:00 PM | 11/13/2025 | 12/2/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078917
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078917-009A | MW-27-020-EB-Q425 | Groundwater | 11/13/2025 9:50:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-010A | MW-27-020-Q425 | Groundwater | 11/13/2025 10:08:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-010B | MW-27-020-Q425 | Groundwater | 11/13/2025 10:08:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-010C | MW-27-020-Q425 | Groundwater | 11/13/2025 10:08:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-010D | MW-27-020-Q425 | Groundwater | 11/13/2025 10:08:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-011A | MW-27-060-EB-Q425 | Groundwater | 11/13/2025 9:10:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-012A | MW-27-060-Q425 | Groundwater | 11/13/2025 9:31:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-012B | MW-27-060-Q425 | Groundwater | 11/13/2025 9:31:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-012C | MW-27-060-Q425 | Groundwater | 11/13/2025 9:31:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-012D | MW-27-060-Q425 | Groundwater | 11/13/2025 9:31:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-013A | MW-27-085-EB-Q425 | Groundwater | 11/13/2025 8:45:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-014A | MW-27-085-Q425 | Groundwater | 11/13/2025 9:05:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-014B | MW-27-085-Q425 | Groundwater | 11/13/2025 9:05:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-014C | MW-27-085-Q425 | Groundwater | 11/13/2025 9:05:00 AM | 11/13/2025 | 12/2/2025 |
| N078917-014D | MW-27-085-Q425 | Groundwater | 11/13/2025 9:05:00 AM | 11/13/2025 | 12/2/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-EB-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:20:00 PM |
| **Lab ID:** | N078917-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120A** | QC Batch: **R210728** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 06:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:40:00 PM |
| **Lab ID:** | N078917-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120A** | QC Batch: **R210728** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 06:37 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 02:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:43:00 AM |
| **Lab ID:** | N078917-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** QC Batch: **R210681** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18 | 0.19 | 1.0 | | µg/L | 5 | 11/19/2025 11:36 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 18 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 02:25 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-913-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:53:00 AM |
| **Lab ID:** | N078917-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** QC Batch: **R210681** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18 | 0.19 | 1.0 | | µg/L | 5 | 11/20/2025 12:04 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 19 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 02:31 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:15:00 PM |
| **Lab ID:** | N078917-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120A** | QC Batch: **R210728** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.3 | 0.19 | 1.0 | | µg/L | 5 | 11/20/2025 10:24 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 1.8 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 02:49 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-46-175-Q425
**Lab Order:** N078917
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/13/2025 10:52:00 AM
**Lab ID:** N078917-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120A** QC Batch: **R210728** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 11/20/2025 07:34 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | | **EPA 3010A** | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125A** QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 11 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:00 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-45-095a-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:13:00 PM |
| **Lab ID:** | N078917-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/21/2025 11:25 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:06 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:46:00 PM |
| **Lab ID:** | N078917-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251121A** | QC Batch: **R210805** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 3.2 | 0.19 | 1.0 | | µg/L | 5 | 11/21/2025 10:54 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 3.1 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:18 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-EB-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:50:00 AM |
| **Lab ID:** | N078917-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120A** | QC Batch: **R210728** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 08:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:08:00 AM |
| **Lab ID:** | N078917-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** | QC Batch: **R210681** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 04:01 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-EB-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:10:00 AM |
| **Lab ID:** | N078917-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** | QC Batch: **R210681** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 04:38 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:31:00 AM |
| **Lab ID:** | N078917-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** | QC Batch: **R210681** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 04:57 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:30 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-EB-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 8:45:00 AM |
| **Lab ID:** | N078917-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** | QC Batch: **R210681** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 05:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:05:00 AM |
| **Lab ID:** | N078917-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119B** | QC Batch: **R210681** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/20/2025 05:54 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 03:53 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | LCS-R210681 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210681 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206770 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.892 | 0.039 | 0.20 | 5.000 | 0 | 97.8 | 90 | 110 | | | | | |

| Sample ID | MB-R210681 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210681 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206771 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | N078917-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210681 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206773 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 42.594 | 0.19 | 1.0 | 25.00 | 17.83 | 99.0 | 90 | 110 | | | | | |

| Sample ID | N078917-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210681 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206774 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 44.481 | 0.19 | 1.0 | 25.00 | 17.83 | 107 | 90 | 110 | 42.59 | 4.34 | 20 | | |

| Sample ID | N078917-004ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210681 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7206776 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 18.054 | 0.19 | 1.0 | | | | | | 18.26 | 1.13 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078917-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210681**
Client ID: **ZZZZZZ** Batch ID: **R210681** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7206777**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 43.779 | 0.19 | 1.0 | 25.00 | 18.26 | 102 | 90 | 110 | | | | |

Sample ID **N078917-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210681**
Client ID: **ZZZZZZ** Batch ID: **R210681** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7206801**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.095 | 0.039 | 0.20 | 1.000 | 0.06720 | 103 | 90 | 110 | | | | |

Sample ID **N078917-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210681**
Client ID: **ZZZZZZ** Batch ID: **R210681** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7206805**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.123 | 0.039 | 0.20 | 1.000 | 0.08390 | 104 | 90 | 110 | | | | |

Sample ID **N078917-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210681**
Client ID: **ZZZZZZ** Batch ID: **R210681** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7206807**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.083 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078917-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210681**
Client ID: **ZZZZZZ** Batch ID: **R210681** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7206809**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.107 | 0.039 | 0.20 | 1.000 | 0.07860 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078917-014AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210681 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210681 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7206811 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.364 | 0.19 | 1.0 | 5.000 | 0 | 107 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210728 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208500 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210728 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208501 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.696 | 0.039 | 0.20 | 5.000 | 0 | 93.9 | 90 | 110 | | | | | |

| Sample ID | N078638-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208502 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.237 | 0.039 | 0.20 | 1.000 | 0.1612 | 108 | 90 | 110 | | | | | |

| Sample ID | N078677-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208507 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.181 | 0.039 | 0.20 | 1.000 | 0.08800 | 109 | 90 | 110 | | | | | |

| Sample ID | N078638-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208509 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.312 | 0.039 | 0.20 | 1.000 | 0.2145 | 110 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078638-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208511 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.1338 | 101 | 90 | 110 | | | | | | |

| Sample ID | N078677-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208512 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.130 | 0.039 | 0.20 | 1.000 | 0.08330 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079046-001BDUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208516 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | 0 | 0 | 20 | | | |

| Sample ID | N078876-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208518 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 6.365 | 0.19 | 1.0 | 5.000 | 1.046 | 106 | 90 | 110 | | | | | | |

| Sample ID | N078876-013AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208519 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 6.117 | 0.19 | 1.0 | 5.000 | 1.046 | 101 | 90 | 110 | 6.364 | 3.97 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078876-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210728**
Client ID: **ZZZZZZ** Batch ID: **R210728** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7208521**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.095 | 0.19 | 1.0 | 5.000 | 1.072 | 100 | 90 | 110 | | | | |

Sample ID **N078876-014AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210728**
Client ID: **ZZZZZZ** Batch ID: **R210728** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7208522**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.172 | 0.19 | 1.0 | 5.000 | 1.072 | 102 | 90 | 110 | 6.095 | 1.25 | 20 | |

Sample ID **N078918-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210728**
Client ID: **ZZZZZZ** Batch ID: **R210728** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7208526**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.123 | 0.039 | 0.20 | 1.000 | 0.1155 | 101 | 90 | 110 | | | | |

Sample ID **N078917-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210728**
Client ID: **ZZZZZZ** Batch ID: **R210728** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7208531**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.156 | 0.039 | 0.20 | 1.000 | 0.1182 | 104 | 90 | 110 | | | | |

Sample ID **N078917-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210728**
Client ID: **ZZZZZZ** Batch ID: **R210728** TestNo: **EPA 218.6** Analysis Date: **11/20/2025** SeqNo: **7208533**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.921 | 0.039 | 0.20 | 1.000 | 0 | 92.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078917-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208537 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 34.922 | 0.19 | 1.0 | 25.00 | 11.27 | 94.6 | 90 | 110 | | | | | |

| Sample ID | N078917-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208539 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.113 | 0.039 | 0.20 | 1.000 | 0.1056 | 101 | 90 | 110 | | | | | |

| Sample ID | N078917-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210728 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210728 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208543 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 6.441 | 0.19 | 1.0 | 5.000 | 1.257 | 104 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210805 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212869 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210805 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212870 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.954 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N078917-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212872 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 7.700 | 0.19 | 1.0 | 5.000 | 3.183 | 90.3 | 90 | 110 | | | | | |

| Sample ID | N078917-008AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212873 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 7.978 | 0.19 | 1.0 | 5.000 | 3.183 | 95.9 | 90 | 110 | 7.700 | 3.54 | 20 | | |

| Sample ID | N078917-007ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212875 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | | | | | 0 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078917-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212876 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.931 | 0.19 | 1.0 | 5.000 | 0 | 98.6 | 90 | 110 | | | | | | |

| Sample ID | N078918-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212878 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.400 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N078918-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212882 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.678 | 0.19 | 1.0 | 5.000 | 0.3095 | 107 | 90 | 110 | | | | | | |

| Sample ID | N078946-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212884 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.122 | 0.039 | 0.20 | 1.000 | 0.07970 | 104 | 90 | 110 | | | | | | |

| Sample ID | N078946-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210805 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7212886 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.067 | 0.039 | 0.20 | 1.000 | 0.06260 | 100 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078946-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212888**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.099 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID **N078946-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.133 | 0.039 | 0.20 | 1.000 | 0.1387 | 99.5 | 90 | 110 | | | | |

Sample ID **N078946-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212894**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.167 | 0.039 | 0.20 | 1.000 | 0.1071 | 106 | 90 | 110 | | | | |

Sample ID **N078946-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212896**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.172 | 0.039 | 0.20 | 1.000 | 0.09830 | 107 | 90 | 110 | | | | |

Sample ID **N078946-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212898**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.106 | 0.039 | 0.20 | 1.000 | 0.1060 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078946-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212900**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.156 | 0.039 | 0.20 | 1.000 | 0.08210 | 107 | 90 | 110 | | | | |

Sample ID **N078946-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212906**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08890 | 104 | 90 | 110 | | | | |

Sample ID **N078946-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212908**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.388 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078946-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.134 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID **N078946-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210805**
Client ID: **ZZZZZZ** Batch ID: **R210805** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7212914**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.420 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079010-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210805 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | SeqNo: | 7212916 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.939 | 0.039 | 0.20 | 1.000 | 0 | 93.9 | 90 | 110 | | | | |

| Sample ID | N079010-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210805 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210805 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | SeqNo: | 7212918 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09880 | 98.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125248 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7232211 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125248 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7232212 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.871 | 0.13 | 1.0 | 10.00 | 0 | 109 | 85 | 115 | | | | |

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232219 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.440 | 0.13 | 1.0 | 10.00 | 0.2765 | 102 | 75 | 125 | | | | |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232223 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.443 | 0.13 | 1.0 | 10.00 | 0.2765 | 102 | 75 | 125 | 10.44 | 0.0342 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N078916-002C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210982**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232217**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.698 | 0.13 | 1.0 | 10.00 | 0.2765 | 104 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078917 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/25/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125248 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 5x | Barium | Ba | µg/L | 86.36479 | PASS | 89.34695 | 3.34% | 10 |
| N078916-002C DT 5x | Molybdenum | Mo | µg/L | 5.660184 | NA | 5.919262 | 4.38% | 10 |
| N078916-002C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 50x | Manganese | Mn | µg/L | 202.1705 | PASS | 208.7113 | 3.13% | 10 |
| N078916-002C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2765121 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:40:00 PM |
| **Lab ID:** | N078917-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 06:24 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:43:00 AM |
| **Lab ID:** | N078917-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** | QC Batch: **R210583** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 960 | 69 | 100 | | mg/L | 200 | 11/18/2025 04:40 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 1.1 | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 06:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-913-Q425
**Lab Order:** N078917
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/13/2025 11:53:00 AM
**Lab ID:** N078917-004
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** | QC Batch: **R210583** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 950 | 69 | 100 | | mg/L | 200 | 11/18/2025 05:29 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 1.2 | 0.48 | 1.0 | | mg/L | 20 | 11/14/2025 05:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:15:00 PM |
| **Lab ID:** | N078917-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** | QC Batch: **R210583** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 970 | 69 | 100 | | mg/L | 200 | 11/18/2025 05:45 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 06:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-46-175-Q425
**Lab Order:** N078917
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/13/2025 10:52:00 AM
**Lab ID:** N078917-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** QC Batch: **R210583** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 980 | 69 | 100 | | mg/L | 200 | 11/18/2025 06:02 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** QC Batch: **R210423** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.79 | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 07:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-45-095a-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:13:00 PM |
| **Lab ID:** | N078917-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 08:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** PT6D-Q425
**Lab Order:** N078917
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/13/2025 1:46:00 PM
**Lab ID:** N078917-008
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** QC Batch: **R210583** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 380 | 69 | 100 | | mg/L | 200 | 11/18/2025 06:18 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** QC Batch: **R210423** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 08:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:08:00 AM |
| **Lab ID:** | N078917-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/14/2025 08:36 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:31:00 AM |
| **Lab ID:** | N078917-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/14/2025 08:52 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:05:00 AM |
| **Lab ID:** | N078917-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/14/2025 09:08 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210583_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210583 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200755 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R210583_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210583 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200756 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.831 | 0.34 | 0.50 | 4.000 | 0 | 95.8 | 90 | 110 | | | | | |

| Sample ID | N078876-006BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210583 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200762 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 336.290 | 34 | 50 | | | | | | 336.2 | 0.0387 | 20 | | |

| Sample ID | N078876-006BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210583 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200763 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 685.990 | 34 | 50 | 400.0 | 336.2 | 87.5 | 80 | 120 | | | | | |

| Sample ID | N078876-006BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210583 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200764 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 713.240 | 34 | 50 | 400.0 | 336.2 | 94.3 | 80 | 120 | 686.0 | 3.89 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N078876-013BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200770 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1816.940 | 69 | 100 | 800.0 | 1073 | 93.0 | 80 | 120 | | | | |

| Sample ID | N078876-013BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200771 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1792.300 | 69 | 100 | 800.0 | 1073 | 89.9 | 80 | 120 | 1817 | 1.37 | 20 | |

| Sample ID | N078876-014BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200773 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1830.020 | 69 | 100 | 800.0 | 1061 | 96.1 | 80 | 120 | | | | |

| Sample ID | N078876-014BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200774 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1836.980 | 69 | 100 | 800.0 | 1061 | 97.0 | 80 | 120 | 1830 | 0.380 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210423_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191053 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R210423_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191054 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.276 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N078916-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191058 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.776 | 0.24 | 0.50 | 12.50 | 0 | 102 | 80 | 120 | | | | | |

| Sample ID | N078917-004BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191068 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.284 | 0.48 | 1.0 | | | | | | 1.208 | 6.10 | 20 | | |

| Sample ID | N078917-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191069 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 25.882 | 0.48 | 1.0 | 25.00 | 1.208 | 98.7 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N078917-004BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210423 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | SeqNo: | 7191070 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 25.390 | 0.48 | 1.0 | 25.00 | 1.208 | 96.7 | 80 | 120 | 25.88 | 1.92 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:40:00 PM |
| **Lab ID:** | N078917-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 08:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:43:00 AM |
| **Lab ID:** | N078917-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-913-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:53:00 AM |
| **Lab ID:** | N078917-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:15:00 PM |
| **Lab ID:** | N078917-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.8 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-175-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:52:00 AM |
| **Lab ID:** | N078917-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-45-095a-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:13:00 PM |
| **Lab ID:** | N078917-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:47 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:46:00 PM |
| **Lab ID:** | N078917-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 09:56 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:08:00 AM |
| **Lab ID:** | N078917-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 2.1 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 10:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:31:00 AM |
| **Lab ID:** | N078917-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 2.5 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 10:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:05:00 AM |
| **Lab ID:** | N078917-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.4 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 10:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125314** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203388** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.170 | 0.090 | 1.0 | 5.000 | 0 | 103 | 85 | 115 | | | | |

| Sample ID **MB-125314** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203389** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 0.101 | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078916-002D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203391** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.045 | 0.090 | 1.0 | 5.000 | 0.9687 | 102 | 75 | 125 | | | | |

| Sample ID **N078916-002D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203392** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.052 | 0.090 | 1.0 | 5.000 | 0.9687 | 102 | 75 | 125 | 6.045 | 0.116 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:40:00 PM |
| **Lab ID:** | N078917-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 1800 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:43:00 AM |
| **Lab ID:** | N078917-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 99 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:17 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-913-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:53:00 AM |
| **Lab ID:** | N078917-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:19 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:15:00 PM |
| **Lab ID:** | N078917-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 170 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:22 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-175-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:52:00 AM |
| **Lab ID:** | N078917-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 42 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:24 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-45-095a-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:13:00 PM |
| **Lab ID:** | N078917-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 25 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:46:00 PM |
| **Lab ID:** | N078917-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 100 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:08:00 AM |
| **Lab ID:** | N078917-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 59 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:31:00 AM |
| **Lab ID:** | N078917-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 820 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:05:00 AM |
| **Lab ID:** | N078917-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 300 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:42 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-125243 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201611 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-125243 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201612 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.900 | 5.8 | 20 | 100.0 | 0 | 109 | 85 | 115 | | | | |

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201616 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 157.620 | 5.8 | 20 | 100.0 | 111.9 | 45.8 | 75 | 125 | | | | S |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201617 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 132.400 | 5.8 | 20 | 100.0 | 111.9 | 20.5 | 75 | 125 | 157.6 | 17.4 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | N078916-002C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201615 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 204.550 | 5.8 | 20 | 100.0 | 111.9 | 92.7 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078917
Test Method: EPA 6010B
Analysis Date: 11/18/2025

Matrix: Groundwater
Batch No.: 125243

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Iron | Fe | µg/L | 111.25 | NA | 111.86 | 0.55% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-070-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:40:00 PM |
| **Lab ID:** | N078917-002 | **Matrix:** | GROUNDWATER |

**DISSOLVED METALS BY ICP-MS**

**EPA 3010A** **EPA 6020**

RunID: **NV00922-ICP8_251125B** QC Batch: **125248** PrepDate: **11/17/2025** Analyst: **DJ**

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 02:13 AM |
| Barium | 100 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 02:13 AM |
| Manganese | 470 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 02:19 AM |
| Molybdenum | 8.3 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 02:13 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 02:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:43:00 AM |
| **Lab ID:** | N078917-003 | **Matrix:** | GROUNDWATER |

**DISSOLVED METALS BY ICP-MS**

**EPA 3010A** **EPA 6020**

RunID: **NV00922-ICP8_251125B** QC Batch: **125248** PrepDate: **11/17/2025** Analyst: **DJ**

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 02:25 AM |
| Barium | 27 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 02:25 AM |
| Manganese | 6.5 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 02:25 AM |
| Molybdenum | 60 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 02:25 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 02:25 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-913-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:53:00 AM |
| **Lab ID:** | N078917-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 02:31 AM |
| Barium | 27 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 02:31 AM |
| Manganese | 6.5 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 02:31 AM |
| Molybdenum | 59 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 02:31 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 02:31 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:15:00 PM |
| **Lab ID:** | N078917-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 02:49 AM |
| Barium | 48 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 02:49 AM |
| Manganese | 690 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 02:54 AM |
| Molybdenum | 130 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 02:49 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 02:49 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-175-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:52:00 AM |
| **Lab ID:** | N078917-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:00 AM |
| Barium | 25 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:00 AM |
| Manganese | 13 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 03:00 AM |
| Molybdenum | 140 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:00 AM |
| Selenium | 0.57 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:00 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-45-095a-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:13:00 PM |
| **Lab ID:** | N078917-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:06 AM |
| Barium | 33 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:06 AM |
| Manganese | 460 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 03:12 AM |
| Molybdenum | 23 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:06 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:06 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:46:00 PM |
| **Lab ID:** | N078917-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:18 AM |
| Barium | 30 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:18 AM |
| Manganese | 9.9 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 03:18 AM |
| Molybdenum | 55 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:18 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:18 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-020-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:08:00 AM |
| **Lab ID:** | N078917-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | 0.79 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:24 AM |
| Barium | 56 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:24 AM |
| Manganese | 84 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 03:24 AM |
| Molybdenum | 5.2 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:24 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-060-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:31:00 AM |
| **Lab ID:** | N078917-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 8.6 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:30 AM |
| Barium | 150 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:30 AM |
| Manganese | 410 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 03:35 AM |
| Molybdenum | 6.0 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:30 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:30 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-27-085-Q425 |
| **Lab Order:** | N078917 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:05:00 AM |
| **Lab ID:** | N078917-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:53 AM |
| Barium | 40 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 03:53 AM |
| Manganese | 300 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 03:59 AM |
| Molybdenum | 22 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 03:53 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 03:53 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125248** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **PBW** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232388**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125248** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **LCSW** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232389**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.864 | 0.067 | 0.10 | 10.00 | 0 | 98.6 | 85 | 115 | | | | |
| Barium | 10.077 | 0.050 | 1.0 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Manganese | 110.886 | 0.046 | 0.50 | 100.0 | 0 | 111 | 85 | 115 | | | | |
| Molybdenum | 9.713 | 0.063 | 0.50 | 10.00 | 0 | 97.1 | 85 | 115 | | | | |
| Selenium | 10.229 | 0.29 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |

Sample ID **N078916-002C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7232396**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.025 | 0.067 | 0.10 | 10.00 | 0 | 90.3 | 75 | 125 | | | | |
| Barium | 101.589 | 0.050 | 1.0 | 10.00 | 89.35 | 122 | 75 | 125 | | | | |
| Molybdenum | 16.630 | 0.063 | 0.50 | 10.00 | 5.919 | 107 | 75 | 125 | | | | |
| Selenium | 10.300 | 0.29 | 0.50 | 10.00 | 0 | 103 | 75 | 125 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232397 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 361.053 | 0.46 | 5.0 | 100.0 | 208.7 | 152 | 75 | 125 | | | | S |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232400 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.166 | 0.067 | 0.10 | 10.00 | 0 | 91.7 | 75 | 125 | 9.025 | 1.55 | 20 | |
| Barium | 98.318 | 0.050 | 1.0 | 10.00 | 89.35 | 89.7 | 75 | 125 | 101.6 | 3.27 | 20 | |
| Molybdenum | 16.484 | 0.063 | 0.50 | 10.00 | 5.919 | 106 | 75 | 125 | 16.63 | 0.881 | 20 | |
| Selenium | 10.107 | 0.29 | 0.50 | 10.00 | 0 | 101 | 75 | 125 | 10.30 | 1.89 | 20 | |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232401 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 337.621 | 0.46 | 5.0 | 100.0 | 208.7 | 129 | 75 | 125 | 361.1 | 6.71 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078917
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078916-002C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7232394 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.859 | 0.067 | 0.10 | 10.00 | 0 | 98.6 | 80 | 120 | | | | |
| Barium | 104.370 | 0.050 | 1.0 | 10.00 | 89.35 | 150 | 80 | 120 | | | | S |
| Molybdenum | 16.876 | 0.063 | 0.50 | 10.00 | 5.919 | 110 | 80 | 120 | | | | |
| Selenium | 9.767 | 0.29 | 0.50 | 10.00 | 0 | 97.7 | 80 | 120 | | | | |

| Sample ID | N078916-002C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232395 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1221.990 | 0.46 | 5.0 | 1000 | 208.7 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078917
Test Method: EPA 6020
Analysis Date: 11/25/2025

Matrix: Groundwater
Batch No.: 125248

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 5x | Barium | Ba | µg/L | 86.36479 | PASS | 89.34695 | 3.34% | 10 |
| N078916-002C DT 5x | Molybdenum | Mo | µg/L | 5.660184 | NA | 5.919262 | 4.38% | 10 |
| N078916-002C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 50x | Manganese | Mn | µg/L | 202.1705 | PASS | 208.7113 | 3.13% | 10 |
| N078916-002C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2765121 | 100.00% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 11/28/202 12:00 AM
FOLDER R: 11/13/2025
N078917-015A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD R |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Reggie Tep | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Others ✓ |
| Title: Field Tech | | | Specify: RWQCB |
| Signature: Date: 11-13-25 | Sampled By: Reggie Tep | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-13-25 | | |
| Project Number: 30251660 | | | |

| | | | |
|---|---|---|---|
| RWQCB | ✓ | 1. Chilled | |
| CalTrans | | 2. Headspace | |
| LEVEL III | | 3. Container Intact | |
| LEVEL IV | | 4. Seal Present | |
| Regulatory | | 5. IR number | |
| Specify State: | | 6. Method of Cooling: ICE | |
| | | Sample Temp: 2.3 \| 1.7 | |
| | | Courier: ASSET | |
| | | Tracking No.: | |

Matrix: Ground X | Sediment; Potable | Soil; NPDES | Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | (1 L poly) | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078917-001 | MW-44-070-EB-Q425 | 11/13/2025 | 12:20 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 2 | -002 | MW-44-070-Q425 | 11/13/2025 | 12:40 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 3 | -003 | MW-44-115-Q425 | 11/13/2025 | 11:43 | | X | X | X | X | X | X | | | | | | | | E | 4 | P | BNS |
| 4 | -004 | MW-913-Q425 | 11/13/2025 | 11:53 | | X | X | X | X | X | X | | | | | | | | E | 4 | P | BNS |
| 5 | -005 | MW-44-125-Q425 | 11/13/2025 | 12:15 | | X | X | X | X | X | X | | | | | | | | E | 4 | P | BNS |
| 6 | -006 | MW-46-175-Q425 | 11/13/2025 | 10:52 | | X | X | X | X | X | X | | | | | | | | E | 4 | P | BNS |
| 7 | -007 | MW-45-095a-Q425 | 11/13/2025 | 13:13 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 8 | -008 | PT6D-Q425 | 11/13/2025 | 13:46 | | X | X | X | X | X | X | | | | | | | | E | 4 | P | BNS |
| 9 | -009 | MW-27-020-EB-Q425 | 11/13/2025 | 9:50 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 10 | -010 | MW-27-020-Q425 | 11/13/2025 | 10:08 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 11 | -011 | MW-27-060-EB-Q425 | 11/13/2025 | 9:10 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 12 | -012 | MW-27-060-Q425 | 11/13/2025 | 9:31 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 13 | -013 | MW-27-085-EB-Q425 | 11/13/2025 | 8:45 | | X | | | | | | | | | | | | | E | 1 | P | BNS |
| 14 | -014 | MW-27-085-Q425 | 11/13/2025 | 9:05 | | X | | X | X | X | X | | | X | | | | | E | 4 | P | BNS |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Reggie Tep | 11-13-25 14:40 | Michael Marcantonio | 11/13/25 1606 |
| Michael Marcantonio | 11/13/25 2327 | Michael Marcantonio | 11/13/25 2327 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/13/2025 | Workorder: | N078917 |
| Rep sample Temp (Deg C): | 2.2 / 1.7 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☑ | No ☐ | NA ☐ |
| Was Client notified? | Yes ☑ | No ☐ | NA ☐ |

Comments: See correspondence

Checklist Completed By: VM Vaughn Mariano
11/14/2025

Reviewed By: For: MBC Ian Almario
11/22/2025

**Subject:** Re: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078917)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 11/14/2025, 7:57 PM
**To:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**CC:** "yoandra@assetlaboratories.com" <yoandra@assetlaboratories.com>, "nancy@assetlaboratories.com" <nancy@assetlaboratories.com>, Ian Almario <ian.almario@assetlaboratoriesph.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "marlon@assetlaboratories.com" <marlon@assetlaboratories.com>

Hi Vaughn,
The samples should end in “Q425”

Thanks!
Laura

Get Outlook for iOS

---

**From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**Sent:** Friday, November 14, 2025 7:46:19 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** Marlon Cartin <marlon@assetlaboratories.com>; yoandra@assetlaboratories.com <yoandra@assetlaboratories.com>; nancy@assetlaboratories.com <nancy@assetlaboratories.com>; Ian Almario <ian.almario@assetlaboratoriesph.com>; maryann.balilu@assetlaboratoriesph.com <maryann.balilu@assetlaboratoriesph.com>
**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078917)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Greetings and Good day to you!

We would like to confirm on the following issue regarding the attached COC.

1. Sample 9 (Sample ID)
   COC: MW-27-020-EB-**Q425**
   Label: MW-27-020-EB-**Q424**

2. Sample 11 (Sample ID)
   COC: MW-27-060-EB-**Q425**
   Label: MW-27-060-EB-**Q424**

3. Sample 13 (Sample ID)
   COC: MW-27-085-EB-**Q425**

Label: MW-27-085-EB-**Q424**

Please confirm.

--

**Best Regards,**

**Vaughn Mariano**
Sample Control Officer

E-mail: vaughn@assetlaboratories.com

**ASSET Laboratories**
Northern California: 1170 National Dr., Ste 100, Sacramento, CA 95834 I M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P: 562.219.7435 I F: 562.219.7436
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 I P: 702.307.2659 Ext. 410 I F: 702.307.2691 I M: 702.439.0421

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# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078917

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078917-001A | MW-44-070-EB-Q425 | 11/13/2025 12:20:00 PM | 12/1/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-002A | MW-44-070-Q425 | 11/13/2025 12:40:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-002B | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-002C | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-002D | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-003A | MW-44-115-Q425 | 11/13/2025 11:43:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-003B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-003C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-003D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-004A | MW-913-Q425 | 11/13/2025 11:53:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-004B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078917

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078917-004B | MW-913-Q425 | 11/13/2025 11:53:00 AM | 12/1/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-004C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-004D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-005A | MW-44-125-Q425 | 11/13/2025 12:15:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-005B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-005C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-005D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-006A | MW-46-175-Q425 | 11/13/2025 10:52:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-006B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-006C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078917

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078917-006C | MW-46-175-Q425 | 11/13/2025 10:52:00 AM | 12/1/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-006D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-007A | MW-45-095a-Q425 | 11/13/2025 1:13:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-007B | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-007C | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-007D | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-008A | PT6D-Q425 | 11/13/2025 1:46:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-008B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-008C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078917

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078917-008C | PT6D-Q425 | 11/13/2025 1:46:00 PM | 12/1/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-008D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-009A | MW-27-020-EB-Q425 | 11/13/2025 9:50:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-010A | MW-27-020-Q425 | 11/13/2025 10:08:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-010B | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-010C | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-010D | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-011A | MW-27-060-EB-Q425 | 11/13/2025 9:10:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-012A | MW-27-060-Q425 | 11/13/2025 9:31:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-012B | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-012C | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078917

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078917-012D | MW-27-060-Q425 | 11/13/2025 9:31:00 AM | 12/1/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-013A | MW-27-085-EB-Q425 | 11/13/2025 8:45:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-014A | MW-27-085-Q425 | 11/13/2025 9:05:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078917-014B | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078917-014C | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078917-014D | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078917-015A | FOLDER | 12/1/2025 | 12/1/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/1/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/1/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 03, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078916

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 13, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078916

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N078916-005 (MW-79-102-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0 ug/L) for sample N078916-009 (MW-51-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Iron in QC samples N078916-002C-MS and N078916-002C-MSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N078916-005 (MW-79-102-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.5 and 1.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0 ug/L) for sample N078916-009 (MW-51-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.3 and 0.13 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Manganese in QC samples N078916-002C-MS and N078916-002C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Arsenic was reported at 0.987ug/L with the lowest RSD of 18.7% for N078916-007. The results are comparable on all runs. Please see Corrective Action Report 9345.

## ASSET Laboratories

**Date:** *03-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078916
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078916-001A | EB-713-Q425 | Groundwater | 11/13/2025 1:56:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-002A | MW-78-070-Q425 | Groundwater | 11/13/2025 9:48:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-002B | MW-78-070-Q425 | Groundwater | 11/13/2025 9:48:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-002C | MW-78-070-Q425 | Groundwater | 11/13/2025 9:48:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-002D | MW-78-070-Q425 | Groundwater | 11/13/2025 9:48:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-003A | MW-78-142-Q425 | Groundwater | 11/13/2025 9:13:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-003B | MW-78-142-Q425 | Groundwater | 11/13/2025 9:13:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-003C | MW-78-142-Q425 | Groundwater | 11/13/2025 9:13:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-003D | MW-78-142-Q425 | Groundwater | 11/13/2025 9:13:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-004A | MW-79-058-Q425 | Groundwater | 11/13/2025 11:09:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-004B | MW-79-058-Q425 | Groundwater | 11/13/2025 11:09:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-004C | MW-79-058-Q425 | Groundwater | 11/13/2025 11:09:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-004D | MW-79-058-Q425 | Groundwater | 11/13/2025 11:09:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-005A | MW-79-102-Q425 | Groundwater | 11/13/2025 10:39:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-005B | MW-79-102-Q425 | Groundwater | 11/13/2025 10:39:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-005C | MW-79-102-Q425 | Groundwater | 11/13/2025 10:39:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-005D | MW-79-102-Q425 | Groundwater | 11/13/2025 10:39:00 AM | 11/13/2025 | 12/2/2025 |
| N078916-006A | MW-80-057-Q425 | Groundwater | 11/13/2025 1:54:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-006B | MW-80-057-Q425 | Groundwater | 11/13/2025 1:54:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-006C | MW-80-057-Q425 | Groundwater | 11/13/2025 1:54:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-006D | MW-80-057-Q425 | Groundwater | 11/13/2025 1:54:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-007A | MW-80-082-Q425 | Groundwater | 11/13/2025 1:30:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-007B | MW-80-082-Q425 | Groundwater | 11/13/2025 1:30:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-007C | MW-80-082-Q425 | Groundwater | 11/13/2025 1:30:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-007D | MW-80-082-Q425 | Groundwater | 11/13/2025 1:30:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-008A | MW-26-Q425 | Groundwater | 11/13/2025 12:00:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-008B | MW-26-Q425 | Groundwater | 11/13/2025 12:00:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-008C | MW-26-Q425 | Groundwater | 11/13/2025 12:00:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-008D | MW-26-Q425 | Groundwater | 11/13/2025 12:00:00 PM | 11/13/2025 | 12/2/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078916
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078916-009A | MW-51-Q425 | Groundwater | 11/13/2025 12:35:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-009B | MW-51-Q425 | Groundwater | 11/13/2025 12:35:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-009C | MW-51-Q425 | Groundwater | 11/13/2025 12:35:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-009D | MW-51-Q425 | Groundwater | 11/13/2025 12:35:00 PM | 11/13/2025 | 12/2/2025 |
| N078916-010A | EB-714-Q425 | Groundwater | 11/13/2025 2:33:00 PM | 11/13/2025 | 12/2/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-713-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:56:00 PM |
| **Lab ID:** | N078916-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 04:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:48:00 AM |
| **Lab ID:** | N078916-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 05:05 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/25/2025 11:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:13:00 AM |
| **Lab ID:** | N078916-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 130 | 1.9 | 10 | | µg/L | 50 | 11/18/2025 04:08 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 130 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 12:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:09:00 AM |
| **Lab ID:** | N078916-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119A** | QC Batch: **R210680** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/19/2025 08:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 12:52 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:39:00 AM |
| **Lab ID:** | N078916-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 08:06 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 1.4 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 01:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:54:00 PM |
| **Lab ID:** | N078916-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119A** | QC Batch: **R210680** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 3.8 | 0.19 | 1.0 | | µg/L | 5 | 11/19/2025 08:52 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 4.5 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 01:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:30:00 PM |
| **Lab ID:** | N078916-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119A** | QC Batch: **R210680** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/19/2025 09:11 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 01:38 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:00:00 PM |
| **Lab ID:** | N078916-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 07:28 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 01:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:35:00 PM |
| **Lab ID:** | N078916-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251119A** | QC Batch: **R210680** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/19/2025 09:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 2.0 | 0.13 | 1.0 | | µg/L | 1 | 11/26/2025 02:02 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-714-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 2:33:00 PM |
| **Lab ID:** | N078916-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118B** | QC Batch: **R210615** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/19/2025 05:54 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210579 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200635 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210579 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200636 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.872 | 0.039 | 0.20 | 5.000 | 0 | 97.4 | 90 | 110 | | | | | |

| Sample ID | N078880-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200638 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 516.170 | 1.9 | 10 | 250.0 | 274.3 | 96.8 | 90 | 110 | | | | | |

| Sample ID | N078880-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200640 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1131.960 | 3.9 | 20 | 500.0 | 646.6 | 97.1 | 90 | 110 | | | | | |

| Sample ID | N078819-017AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200644 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 348.812 | 0.77 | 4.0 | 100.0 | 244.4 | 104 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200646 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 221.120 | 0.77 | 4.0 | 100.0 | 126.4 | 94.8 | 90 | 110 | | | | | |

| Sample ID | N079007-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200650 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.995 | 0.039 | 0.20 | 1.000 | 0 | 99.5 | 90 | 110 | | | | | |

| Sample ID | N079008-001CDUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200651 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.126 | 0.039 | 0.20 | | | | | | 4.989 | 2.70 | 20 | | |

| Sample ID | N079008-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200654 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 9.895 | 0.039 | 0.20 | 5.000 | 4.989 | 98.1 | 90 | 110 | | | | | |

| Sample ID | N078819-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200656 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 10.168 | 0.039 | 0.20 | 5.000 | 5.438 | 94.6 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-016AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200657 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 10.216 | 0.039 | 0.20 | 5.000 | 5.438 | 95.6 | 90 | 110 | 10.17 | 0.462 | 20 | | |

| Sample ID | N079007-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200658 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.066 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | | |

| Sample ID | N078916-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200660 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 368.655 | 1.9 | 10 | 250.0 | 132.1 | 94.6 | 90 | 110 | | | | | |

| Sample ID | N078916-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200662 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.09520 | 101 | 90 | 110 | | | | | |

| Sample ID | N078916-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200666 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.951 | 0.039 | 0.20 | 1.000 | 0 | 95.1 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202706**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 36.482 | 0.19 | 1.0 | 25.00 | 11.25 | 101 | 90 | 110 | | | | |

Sample ID **N078916-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202710**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.905 | 0.039 | 0.20 | 1.000 | 0 | 90.5 | 90 | 110 | | | | |

Sample ID **N078916-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202712**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID **N078880-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202716**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.715 | 0.19 | 1.0 | 5.000 | 1.392 | 106 | 90 | 110 | | | | |

Sample ID **N078880-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202718**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 12.836 | 0.19 | 1.0 | 5.000 | 7.834 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210579 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7202722 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7.267 | 0.19 | 1.0 | 5.000 | 2.011 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | LCS-R210615 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202731 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.814 | 0.039 | 0.20 | 5.000 | 0 | 96.3 | 90 | 110 | | | | | |

| Sample ID | MB-R210615 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202732 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | N079049-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202734 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.947 | 0.039 | 0.20 | 1.000 | 0 | 94.7 | 90 | 110 | | | | | |

| Sample ID | N078875-010ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202738 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | | | | | 0 | 0 | 20 | | |

| Sample ID | N078875-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202739 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.274 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078875-010AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202740**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.205 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | 5.274 | 1.32 | 20 | |

Sample ID **N078875-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202742**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.335 | 0.19 | 1.0 | 5.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID **N078875-011AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202743**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.480 | 0.19 | 1.0 | 5.000 | 0 | 110 | 90 | 110 | 5.335 | 2.68 | 20 | |

Sample ID **N078875-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202745**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.151 | 0.039 | 0.20 | 1.000 | 0.1164 | 103 | 90 | 110 | | | | |

Sample ID **N078875-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202749**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.113 | 0.039 | 0.20 | 1.000 | 0.1292 | 98.4 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078875-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202751**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.092 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID **N078875-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202753**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.077 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078875-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202755**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.115 | 0.039 | 0.20 | 1.000 | 0.07000 | 104 | 90 | 110 | | | | |

Sample ID **N078875-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202757**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.081 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078875-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210615**
Client ID: **ZZZZZZ** Batch ID: **R210615** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7202761**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.062 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078875-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202763 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.947 | 0.039 | 0.20 | 1.000 | 0 | 94.7 | 90 | 110 | | | | | | |

| Sample ID | N078875-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202765 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2.371 | 0.039 | 0.20 | 1.000 | 1.330 | 104 | 90 | 110 | | | | | | |

| Sample ID | N078875-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202767 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.153 | 0.039 | 0.20 | 1.000 | 0.1010 | 105 | 90 | 110 | | | | | | |

| Sample ID | N078916-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210615 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210615 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7202773 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.163 | 0.039 | 0.20 | 1.000 | 0.1019 | 106 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210680 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206658 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210680 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206659 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.804 | 0.039 | 0.20 | 5.000 | 0 | 96.1 | 90 | 110 | | | | | |

| Sample ID | N078821-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206663 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.080 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | |

| Sample ID | N078821-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206664 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.067 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | | |

| Sample ID | N078821-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206667 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.948 | 0.039 | 0.20 | 1.000 | 0 | 94.8 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078876-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206669 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.395 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N078876-006AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206670 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.415 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | 5.394 | 0.379 | 20 | | | |

| Sample ID | N078876-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206672 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 3.375 | 0.039 | 0.20 | 1.000 | 2.321 | 105 | 90 | 110 | | | | | | |

| Sample ID | N078821-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206673 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | 0 | 0 | 20 | | | |

| Sample ID | N078876-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210680 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210680 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/19/2025 | | SeqNo: | 7206674 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 3.381 | 0.039 | 0.20 | 1.000 | 2.297 | 108 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078876-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206678**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.462 | 0.039 | 0.20 | 1.000 | 0.4406 | 102 | 90 | 110 | | | | |

Sample ID **N078876-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206680**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.057 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID **N078876-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206682**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.005 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | |

Sample ID **N078876-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206684**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.092 | 0.039 | 0.20 | 1.000 | 0.05900 | 103 | 90 | 110 | | | | |

Sample ID **N078876-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206686**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.114 | 0.039 | 0.20 | 1.000 | 0.1398 | 97.4 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078876-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206690**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.147 | 0.039 | 0.20 | 1.000 | 0.09340 | 105 | 90 | 110 | | | | |

Sample ID **N078876-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206692**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.101 | 0.039 | 0.20 | 1.000 | 0.1007 | 100 | 90 | 110 | | | | |

Sample ID **N078876-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206694**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.229 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID **N078916-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206696**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.183 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID **N078916-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206700**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 8.804 | 0.19 | 1.0 | 5.000 | 3.849 | 99.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078916-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206702**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.475 | 0.19 | 1.0 | 5.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID **N078916-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206704**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.247 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID **N078875-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206706**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.983 | 0.19 | 1.0 | 5.000 | 0 | 99.7 | 90 | 110 | | | | |

Sample ID **N078876-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210680**
Client ID: **ZZZZZZ** Batch ID: **R210680** TestNo: **EPA 218.6** Analysis Date: **11/19/2025** SeqNo: **7206711**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.058 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125248 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7232211 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125248 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7232212 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.871 | 0.13 | 1.0 | 10.00 | 0 | 109 | 85 | 115 | | | | |

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232219 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.440 | 0.13 | 1.0 | 10.00 | 0.2765 | 102 | 75 | 125 | | | | |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210982 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232223 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.443 | 0.13 | 1.0 | 10.00 | 0.2765 | 102 | 75 | 125 | 10.44 | 0.0342 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N078916-002C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210982**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232217**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.698 | 0.13 | 1.0 | 10.00 | 0.2765 | 104 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078916
Test Method: EPA 6020
Analysis Date: 11/25/2025

Matrix: Groundwater
Batch No.: 125248

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 5x | Barium | Ba | µg/L | 86.36479 | PASS | 89.34695 | 3.34% | 10 |
| N078916-002C DT 5x | Molybdenum | Mo | µg/L | 5.660184 | NA | 5.919262 | 4.38% | 10 |
| N078916-002C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 50x | Manganese | Mn | µg/L | 202.1705 | PASS | 208.7113 | 3.13% | 10 |
| N078916-002C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2765121 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:48:00 AM |
| **Lab ID:** | N078916-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 230 | 17 | 25 | | mg/L | 50 | 11/17/2025 09:39 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 01:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:13:00 AM |
| **Lab ID:** | N078916-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 330 | 34 | 50 | | mg/L | 100 | 11/17/2025 09:55 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 02:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:09:00 AM |
| **Lab ID:** | N078916-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 300 | 34 | 50 | | mg/L | 100 | 11/17/2025 10:12 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 02:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:39:00 AM |
| **Lab ID:** | N078916-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 280 | 17 | 25 | | mg/L | 50 | 11/17/2025 10:28 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 02:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:54:00 PM |
| **Lab ID:** | N078916-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 11/17/2025 10:44 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 03:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:30:00 PM |
| **Lab ID:** | N078916-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 270 | 17 | 25 | | mg/L | 50 | 11/17/2025 11:17 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 03:25 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:00:00 PM |
| **Lab ID:** | N078916-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251117B** | QC Batch: **R210531** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 250 | 17 | 25 | | mg/L | 50 | 11/17/2025 11:34 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 03:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:35:00 PM |
| **Lab ID:** | N078916-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251118A** | QC Batch: **R210583** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 300 | 17 | 25 | | mg/L | 50 | 11/18/2025 04:23 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251114A** | QC Batch: **R210423** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 04:43 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210531_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210531 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199086 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R210531_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210531 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199087 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.815 | 0.34 | 0.50 | 4.000 | 0 | 95.4 | 90 | 110 | | | | | |

| Sample ID | N078918-001FDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210531 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199091 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 362.415 | 17 | 25 | | | | | | 359.2 | 0.883 | 20 | | |

| Sample ID | N078918-001FMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210531 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199092 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 553.340 | 17 | 25 | 200.0 | 359.2 | 97.1 | 80 | 120 | | | | | |

| Sample ID | N078918-001FMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210531 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199093 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 556.095 | 17 | 25 | 200.0 | 359.2 | 98.4 | 80 | 120 | 553.3 | 0.497 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N078916-006BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210531 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210531 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | SeqNo: | 7199103 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 484.915 | 17 | 25 | 200.0 | 288.7 | 98.1 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210583_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200755 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R210583_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200756 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.831 | 0.34 | 0.50 | 4.000 | 0 | 95.8 | 90 | 110 | | | | |

| Sample ID | N078876-006BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200762 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 336.290 | 34 | 50 | | | | | | 336.2 | 0.0387 | 20 | |

| Sample ID | N078876-006BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200763 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 685.990 | 34 | 50 | 400.0 | 336.2 | 87.5 | 80 | 120 | | | | |

| Sample ID | N078876-006BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200764 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 713.240 | 34 | 50 | 400.0 | 336.2 | 94.3 | 80 | 120 | 686.0 | 3.89 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N078876-013BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200770 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1816.940 | 69 | 100 | 800.0 | 1073 | 93.0 | 80 | 120 | | | | |

| Sample ID | N078876-013BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200771 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1792.300 | 69 | 100 | 800.0 | 1073 | 89.9 | 80 | 120 | 1817 | 1.37 | 20 | |

| Sample ID | N078876-014BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200773 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1830.020 | 69 | 100 | 800.0 | 1061 | 96.1 | 80 | 120 | | | | |

| Sample ID | N078876-014BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210583 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210583 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7200774 | | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1836.980 | 69 | 100 | 800.0 | 1061 | 97.0 | 80 | 120 | 1830 | 0.380 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210423_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191053 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R210423_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191054 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.276 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N078916-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191058 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.776 | 0.24 | 0.50 | 12.50 | 0 | 102 | 80 | 120 | | | | | |

| Sample ID | N078917-004BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191068 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.284 | 0.48 | 1.0 | | | | | | 1.208 | 6.10 | 20 | | |

| Sample ID | N078917-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210423 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210423 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/14/2025 | | SeqNo: | 7191069 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 25.882 | 0.48 | 1.0 | 25.00 | 1.208 | 98.7 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID **N078917-004BMSD** SampType: **MSD** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210423**
Client ID: **ZZZZZZ** Batch ID: **R210423** TestNo: **EPA 300.0** Analysis Date: **11/14/2025** SeqNo: **7191070**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 25.390 | 0.48 | 1.0 | 25.00 | 1.208 | 96.7 | 80 | 120 | 25.88 | 1.92 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:48:00 AM |
| **Lab ID:** | N078916-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 06:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:13:00 AM |
| **Lab ID:** | N078916-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 07:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:09:00 AM |
| **Lab ID:** | N078916-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.6 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 07:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:39:00 AM |
| **Lab ID:** | N078916-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 14 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 07:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:54:00 PM |
| **Lab ID:** | N078916-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 07:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:30:00 PM |
| **Lab ID:** | N078916-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 08:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:00:00 PM |
| **Lab ID:** | N078916-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 08:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:35:00 PM |
| **Lab ID:** | N078916-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251118A** | QC Batch: **125314** | | | PrepDate: | **11/18/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.1 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 08:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125314** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203388** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.170 | 0.090 | 1.0 | 5.000 | 0 | 103 | 85 | 115 | | | | |

| Sample ID **MB-125314** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203389** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 0.101 | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078916-002D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203391** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.045 | 0.090 | 1.0 | 5.000 | 0.9687 | 102 | 75 | 125 | | | | |

| Sample ID **N078916-002D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/18/2025** | RunNo: **210632** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125314** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7203392** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.052 | 0.090 | 1.0 | 5.000 | 0.9687 | 102 | 75 | 125 | 6.045 | 0.116 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:48:00 AM |
| **Lab ID:** | N078916-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 110 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 02:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:13:00 AM |
| **Lab ID:** | N078916-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/18/2025 02:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:09:00 AM |
| **Lab ID:** | N078916-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 140 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 02:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:39:00 AM |
| **Lab ID:** | N078916-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 1000 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:02 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:54:00 PM |
| **Lab ID:** | N078916-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 27 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:30:00 PM |
| **Lab ID:** | N078916-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | | PrepDate: | **11/18/2025** | Analyst: **DJ** |
| Iron | 220 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:00:00 PM |
| **Lab ID:** | N078916-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | 220 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:10 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:35:00 PM |
| **Lab ID:** | N078916-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118D** | QC Batch: **125243** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/18/2025 03:12 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-125243 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201611 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-125243 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201612 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.900 | 5.8 | 20 | 100.0 | 0 | 109 | 85 | 115 | | | | |

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201616 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 157.620 | 5.8 | 20 | 100.0 | 111.9 | 45.8 | 75 | 125 | | | | S |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125243 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201617 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 132.400 | 5.8 | 20 | 100.0 | 111.9 | 20.5 | 75 | 125 | 157.6 | 17.4 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N078916-002C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **210598** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **125243** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/18/2025** | SeqNo: **7201615** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 204.550 | 5.8 | 20 | 100.0 | 111.9 | 92.7 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078916
Test Method: EPA 6010B
Analysis Date: 11/18/2025

Matrix: Groundwater
Batch No.: 125243

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Iron | Fe | µg/L | 111.25 | NA | 111.86 | 0.55% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:48:00 AM |
| **Lab ID:** | N078916-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/25/2025 11:36 PM |
| Barium | 89 | 0.050 | 1.0 | | µg/L | 1 | 11/25/2025 11:36 PM |
| Manganese | 210 | 0.46 | 5.0 | | µg/L | 10 | 11/25/2025 11:48 PM |
| Molybdenum | 5.9 | 0.063 | 0.50 | | µg/L | 1 | 11/25/2025 11:36 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/25/2025 11:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 9:13:00 AM |
| **Lab ID:** | N078916-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Arsenic | 1.4 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 12:46 AM |
| Barium | 25 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 12:46 AM |
| Manganese | 2.6 | 0.046 | 0.50 | | µg/L | 1 | 11/26/2025 12:46 AM |
| Molybdenum | 14 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 12:46 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 12:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 11:09:00 AM |
| **Lab ID:** | N078916-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 0.29 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 12:52 AM |
| Barium | 88 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 12:52 AM |
| Manganese | 470 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 12:58 AM |
| Molybdenum | 7.9 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 12:52 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 12:52 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 10:39:00 AM |
| **Lab ID:** | N078916-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 01:03 AM |
| Barium | 160 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 01:03 AM |
| Manganese | 1300 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 01:09 AM |
| Molybdenum | 4.4 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 01:03 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 01:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:54:00 PM |
| **Lab ID:** | N078916-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 01:15 AM |
| Barium | 81 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 01:15 AM |
| Manganese | 450 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 01:21 AM |
| Molybdenum | 10 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 01:15 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 01:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 1:30:00 PM |
| **Lab ID:** | N078916-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 0.99 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 03:02 PM |
| Barium | 72 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 01:38 AM |
| Manganese | 460 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 01:44 AM |
| Molybdenum | 15 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 01:38 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 01:38 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:00:00 PM |
| **Lab ID:** | N078916-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251125B** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 1.9 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 01:50 AM |
| Barium | 100 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 01:50 AM |
| Manganese | 840 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 01:56 AM |
| Molybdenum | 4.0 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 01:50 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 01:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-Q425 |
| **Lab Order:** | N078916 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/13/2025 12:35:00 PM |
| **Lab ID:** | N078916-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125248** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Arsenic | 0.86 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 02:04 PM |
| Barium | 42 | 0.050 | 1.0 | | µg/L | 1 | 11/26/2025 02:02 AM |
| Manganese | 690 | 0.46 | 5.0 | | µg/L | 10 | 11/26/2025 02:08 AM |
| Molybdenum | 39 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 02:02 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 02:02 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125248** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **PBW** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232388**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125248** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **LCSW** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232389**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.864 | 0.067 | 0.10 | 10.00 | 0 | 98.6 | 85 | 115 | | | | |
| Barium | 10.077 | 0.050 | 1.0 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Manganese | 110.886 | 0.046 | 0.50 | 100.0 | 0 | 111 | 85 | 115 | | | | |
| Molybdenum | 9.713 | 0.063 | 0.50 | 10.00 | 0 | 97.1 | 85 | 115 | | | | |
| Selenium | 10.229 | 0.29 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |

Sample ID **N078916-002C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/17/2025** RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7232396**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.025 | 0.067 | 0.10 | 10.00 | 0 | 90.3 | 75 | 125 | | | | |
| Barium | 101.589 | 0.050 | 1.0 | 10.00 | 89.35 | 122 | 75 | 125 | | | | |
| Molybdenum | 16.630 | 0.063 | 0.50 | 10.00 | 5.919 | 107 | 75 | 125 | | | | |
| Selenium | 10.300 | 0.29 | 0.50 | 10.00 | 0 | 103 | 75 | 125 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078916-002C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232397 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 361.053 | 0.46 | 5.0 | 100.0 | 208.7 | 152 | 75 | 125 | | | | S |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232400 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.166 | 0.067 | 0.10 | 10.00 | 0 | 91.7 | 75 | 125 | 9.025 | 1.55 | 20 | |
| Barium | 98.318 | 0.050 | 1.0 | 10.00 | 89.35 | 89.7 | 75 | 125 | 101.6 | 3.27 | 20 | |
| Molybdenum | 16.484 | 0.063 | 0.50 | 10.00 | 5.919 | 106 | 75 | 125 | 16.63 | 0.881 | 20 | |
| Selenium | 10.107 | 0.29 | 0.50 | 10.00 | 0 | 101 | 75 | 125 | 10.30 | 1.89 | 20 | |

| Sample ID | N078916-002C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125248 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7232401 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 337.621 | 0.46 | 5.0 | 100.0 | 208.7 | 129 | 75 | 125 | 361.1 | 6.71 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078916
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N078916-002C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7232394**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.859 | 0.067 | 0.10 | 10.00 | 0 | 98.6 | 80 | 120 | | | | |
| Barium | 104.370 | 0.050 | 1.0 | 10.00 | 89.35 | 150 | 80 | 120 | | | | S |
| Molybdenum | 16.876 | 0.063 | 0.50 | 10.00 | 5.919 | 110 | 80 | 120 | | | | |
| Selenium | 9.767 | 0.29 | 0.50 | 10.00 | 0 | 97.7 | 80 | 120 | | | | |

Sample ID **N078916-002C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125248** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7232395**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1221.990 | 0.46 | 5.0 | 1000 | 208.7 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078916
Test Method: EPA 6020
Analysis Date: 11/25/2025

Matrix: Groundwater
Batch No.: 125248

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078916-002C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 5x | Barium | Ba | µg/L | 86.36479 | PASS | 89.34695 | 3.34% | 10 |
| N078916-002C DT 5x | Molybdenum | Mo | µg/L | 5.660184 | NA | 5.919262 | 4.38% | 10 |
| N078916-002C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078916-002C DT 50x | Manganese | Mn | µg/L | 202.1705 | PASS | 208.7113 | 3.13% | 10 |
| N078916-002C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.2765121 | 100.00% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 FOLDER
N078916-011A
C: 11/28/202 12:00 AM
R: 11/13/2025
1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement / QA/QC |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD / RTNE |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker / RWQCB ✓ |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec / CalTrans |
| Submitted By: Russell Top | | Phone: 949 293-2445 Fax: | Others ✓ / LEVEL III |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | Specify: RWQCB / LEVEL IV |
| Signature: Date: 11-13-25 | Sampled By: Russell Top | | Global ID: / Regulatory |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | Specify State: |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-13-25 | | |
| Project Number: 30251660 | | | |

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | | |
| 4. Seal Present | | |
| 5. IR number | | |
| 6. Method of Cooling: WE | | |

Sample Temp: 1.8°C

Courier: ASSET
Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078916-001 | EB-713-Q425 | 11/13/2025 | 13:56 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 2 | -002 | MW-78-070-Q425 | 11/13/2025 | 9:48 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 3 | -003 | MW-78-142-Q425 | 11/13/2025 | 9:13 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 4 | -004 | MW-79-058-Q425 | 11/13/2025 | 11:09 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 5 | -005 | MW-79-102-Q425 | 11/13/2025 | 10:39 | | X | X | X | X | X | X | | | | | | | E | 1 | P | BNS | |
| 6 | -006 | MW-80-057-Q425 | 11/13/2025 | 13:54 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 7 | -007 | MW-80-082-Q425 | 11/13/2025 | 13:30 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 8 | -008 | MW-26-Q425 | 11/13/2025 | ~~11:59~~ | 12:00 | X | X | X | X | X | X | | | | | | | E | 1 | P | BNS | |
| 9 | -009 | MW-51-Q425 | 11/13/2025 | 12:35 | | X | X | X | X | X | X | | | | | | | E | 4 | P | BNS | |
| 10 | -010 | EB-714-Q425 | 11/13/2025 | 14:33 | | X | | | | | | | | | | | | E | 1 | P | B | MS/MSD |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Russell Top Date/Time: 11-13-25 14:40
Relinquished by (Signature and Printed Name): Michael A Cantara Date/Time: 11/13/25 1606
Relinquished by (Signature and Printed Name): Michael A Cantara Date/Time: 11/13/25 2327
Relinquished by (Signature and Printed Name): Michael A Cantara Date/Time: 11/13/25 2327
Relinquished by (Signature and Printed Name): Date/Time:
Relinquished by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/13/2025 | Workorder: | N078916 |
| Rep sample Temp (Deg C): | 1.8 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Vaughn Mariano 11/14/2025

Reviewed By: MBC For: Ian Almario 11/22/2025

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078916

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078916-001A | EB-713-Q425 | 11/13/2025 1:56:00 PM | 12/1/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-002A | MW-78-070-Q425 | 11/13/2025 9:48:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-002B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-002C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-002D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-003A | MW-78-142-Q425 | 11/13/2025 9:13:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-003B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-003C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-003D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-004A | MW-79-058-Q425 | 11/13/2025 11:09:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078916

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078916-004B | MW-79-058-Q425 | 11/13/2025 11:09:00 AM | 12/1/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-004C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-004D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-005A | MW-79-102-Q425 | 11/13/2025 10:39:00 AM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-005B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-005C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-005D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-006A | MW-80-057-Q425 | 11/13/2025 1:54:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-006B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078916

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078916-006C | MW-80-057-Q425 | 11/13/2025 1:54:00 PM | 12/1/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-006D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-007A | MW-80-082-Q425 | 11/13/2025 1:30:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-007B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-007C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-007D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-008A | MW-26-Q425 | 11/13/2025 12:00:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-008B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-008C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078916

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/13/2025 11:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078916-008C | MW-26-Q425 | 11/13/2025 12:00:00 PM | 12/1/2025 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-008D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-009A | MW-51-Q425 | 11/13/2025 12:35:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-009B | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078916-009C | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/1/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078916-009D | | | 12/1/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/1/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078916-010A | EB-714-Q425 | 11/13/2025 2:33:00 PM | 12/1/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078916-011A | FOLDER | 12/1/2025 | 12/1/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/1/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/1/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 08, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079835

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 17, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079835

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (25 ug/L) and hexavalent chromium (31 ug/L) for sample N079835-008 (MW-50-095-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary for sample N079835-004 due to matrix. Sample is dark pink.

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Dilution was necessary for some samples due to matrix. Digestates are colored.

N079835-008 was re-analyzed several timed due to RSD not meeting the 15% criteria for Arsenic. RSD on all runs failed acceptance criteria. Arsenic was reported at 0.44 ug/L with the lowest RSD of 16.9%. The results are comparable on all runs. See Corrective Action Report 9456.

Because the results for total dissolved chromium (25 ug/L) and hexavalent chromium (31 ug/L) for sample N079835-008 (MW-50-095-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 29 and 29 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Chromium in QC sample N079835-009CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N079835-004CMS/MSD and N079835-010C-MS/MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) is outside recovery criteria for Molybdenum in QC sample N079835-004CMS possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *08-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079835
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079835-001A | PGE-07BR-Q425 | Surface Water | 12/17/2025 9:34:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-001B | PGE-07BR-Q425 | Surface Water | 12/17/2025 9:34:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-002A | MW-68-180-Q425 | Surface Water | 12/17/2025 3:02:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-002B | MW-68-180-Q425 | Surface Water | 12/17/2025 3:02:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-002C | MW-68-180-Q425 | Surface Water | 12/17/2025 3:02:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-003A | PT8D-Q425 | Surface Water | 12/17/2025 10:34:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-003B | PT8D-Q425 | Surface Water | 12/17/2025 10:34:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-004A | MW-67-185-Q425 | Surface Water | 12/17/2025 12:36:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-004B | MW-67-185-Q425 | Surface Water | 12/17/2025 12:36:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-004C | MW-67-185-Q425 | Surface Water | 12/17/2025 12:36:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-005A | EB-759-Q425 | Surface Water | 12/17/2025 3:12:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-006A | MW-24A-Q425 | Surface Water | 12/17/2025 10:38:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-006B | MW-24A-Q425 | Surface Water | 12/17/2025 10:38:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-006C | MW-24A-Q425 | Surface Water | 12/17/2025 10:38:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-007A | MW-24B-Q425 | Surface Water | 12/17/2025 11:32:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-007B | MW-24B-Q425 | Surface Water | 12/17/2025 11:32:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-007C | MW-24B-Q425 | Surface Water | 12/17/2025 11:32:00 AM | 12/17/2025 | 1/8/2026 |
| N079835-008A | MW-50-095-Q425 | Surface Water | 12/17/2025 3:57:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-008B | MW-50-095-Q425 | Surface Water | 12/17/2025 3:57:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-009A | MW-50-200-Q425 | Surface Water | 12/17/2025 3:10:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-009B | MW-50-200-Q425 | Surface Water | 12/17/2025 3:10:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-009C | MW-50-200-Q425 | Surface Water | 12/17/2025 3:10:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-010A | MW-914-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-010B | MW-914-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-010C | MW-914-Q425 | Surface Water | 12/17/2025 3:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-011A | PT9M-Q425 | Surface Water | 12/17/2025 2:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-011B | PT9M-Q425 | Surface Water | 12/17/2025 2:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-011C | PT9M-Q425 | Surface Water | 12/17/2025 2:20:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-012A | PT9S-Q425 | Surface Water | 12/17/2025 12:48:00 PM | 12/17/2025 | 1/8/2026 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079835
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079835-012B | PT9S-Q425 | Surface Water | 12/17/2025 12:48:00 PM | 12/17/2025 | 1/8/2026 |
| N079835-012C | PT9S-Q425 | Surface Water | 12/17/2025 12:48:00 PM | 12/17/2025 | 1/8/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PGE-07BR-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 9:34:00 AM |
| **Lab ID:** | N079835-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 04:50 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 03:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-180-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:02:00 PM |
| **Lab ID:** | N079835-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18000 | 190 | 1000 | | µg/L | 5000 | 12/18/2025 02:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251231B** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 16000 | 16 | 120 | | µg/L | 125 | 12/31/2025 10:45 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT8D-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 10:34:00 AM |
| **Lab ID:** | N079835-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 450 | 3.9 | 20 | | µg/L | 100 | 12/19/2025 05:09 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 410 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 03:52 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-185-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:36:00 PM |
| **Lab ID:** | N079835-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 330 | 15 | 80 | | µg/L | 400 | 12/18/2025 11:24 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 280 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 04:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-759-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:12:00 PM |
| **Lab ID:** | N079835-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251218A** | QC Batch: **R212046** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/19/2025 01:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24A-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 10:38:00 AM |
| **Lab ID:** | N079835-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/19/2025 01:04 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 05:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24B-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:32:00 AM |
| **Lab ID:** | N079835-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 690 | 3.9 | 20 | | µg/L | 100 | 12/19/2025 01:24 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 640 | 0.63 | 5.0 | | µg/L | 5 | 12/31/2025 05:42 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-50-095-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:57:00 PM |
| **Lab ID:** | N079835-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 31 | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 02:32 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 25 | 0.13 | 1.0 | | µg/L | 1 | 12/31/2025 05:48 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-50-200-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:10:00 PM |
| **Lab ID:** | N079835-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1800 | 7.7 | 40 | | µg/L | 200 | 12/19/2025 11:58 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1600 | 3.2 | 25 | | µg/L | 25 | 12/30/2025 03:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-914-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079835-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1800 | 7.7 | 40 | | µg/L | 200 | 12/19/2025 12:45 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_260108A** | QC Batch: **126462** | | | PrepDate: | **1/6/2026** | | Analyst: **ERP** |
| Chromium | 1700 | 3.2 | 25 | | µg/L | 25 | 1/8/2026 09:35 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9M-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:20:00 PM |
| **Lab ID:** | N079835-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 910 | 3.9 | 20 | | µg/L | 100 | 12/22/2025 02:22 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_260108A** | QC Batch: **126462** | | | PrepDate: | **1/6/2026** | | Analyst: **ERP** |
| Chromium | 840 | 0.63 | 5.0 | | µg/L | 5 | 1/8/2026 10:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9S-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:48:00 PM |
| **Lab ID:** | N079835-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.89 | 0.039 | 0.20 | | µg/L | 1 | 12/22/2025 02:40 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 05:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212046 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298690 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212046 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298691 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.071 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079835-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298693 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 726.160 | 15 | 80 | 400.0 | 326.2 | 100 | 90 | 110 | | | | | |

| Sample ID | N079835-004AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298694 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 739.760 | 15 | 80 | 400.0 | 326.2 | 103 | 90 | 110 | 726.2 | 1.86 | 20 | | |

| Sample ID | N079834-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298701 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1969.940 | 7.7 | 40 | | | | | | 2006 | 1.81 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079834-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298702 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2987.920 | 7.7 | 40 | 1000 | 2006 | 98.2 | 90 | 110 | | | | | | |

| Sample ID | N079834-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298704 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 3000.800 | 7.7 | 40 | 1000 | 2020 | 98.0 | 90 | 110 | | | | | | |

| Sample ID | N079834-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298706 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2806.000 | 7.7 | 40 | 1000 | 1844 | 96.2 | 90 | 110 | | | | | | |

| Sample ID | N079834-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298708 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 6446.350 | 19 | 100 | 2500 | 3987 | 98.4 | 90 | 110 | | | | | | |

| Sample ID | N079835-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298710 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 44238.000 | 190 | 1000 | 25000 | 18300 | 104 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079834-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/18/2025 | SeqNo: | 7298715 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 421.935 | 1.9 | 10 | 250.0 | 175.1 | 98.7 | 90 | 110 | | | | |

| Sample ID | N079834-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7298716 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 552.955 | 1.9 | 10 | 250.0 | 306.9 | 98.4 | 90 | 110 | | | | |

| Sample ID | N079834-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7298718 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1181.790 | 3.9 | 20 | 500.0 | 696.3 | 97.1 | 90 | 110 | | | | |

| Sample ID | N079834-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7298721 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 722.090 | 1.9 | 10 | 250.0 | 483.4 | 95.5 | 90 | 110 | | | | |

| Sample ID | N079835-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7298723 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079834-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7298725 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.038 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079834-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7298727 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.081 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N079834-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7298733 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.747 | 0.19 | 1.0 | 5.000 | 0.7560 | 99.8 | 90 | 110 | | | | | | |

| Sample ID | N079834-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7298737 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.025 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079835-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212046 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7298739 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.682 | 0.19 | 1.0 | 5.000 | 0 | 93.6 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079835-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212046 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212046 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7298741 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 954.850 | 3.9 | 20 | 500.0 | 454.1 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212089 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301212 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212089 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301213 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.960 | 0.039 | 0.20 | 5.000 | 0 | 99.2 | 90 | 110 | | | | | |

| Sample ID | N079835-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301217 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2835.140 | 7.7 | 40 | 1000 | 1816 | 102 | 90 | 110 | | | | | |

| Sample ID | N079835-009AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301218 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2823.520 | 7.7 | 40 | 1000 | 1816 | 101 | 90 | 110 | 2835 | 0.411 | 20 | | |

| Sample ID | N079835-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301220 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2825.320 | 7.7 | 40 | 1000 | 1823 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079835-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301222 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.039 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079835-007ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301224 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 676.290 | 3.9 | 20 | | | | | | 691.3 | 2.20 | 20 | | | |

| Sample ID | N079835-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301225 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1204.420 | 3.9 | 20 | 500.0 | 691.3 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079835-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301229 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 56.731 | 0.19 | 1.0 | 25.00 | 31.22 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079834-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301231 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 6.061 | 0.19 | 1.0 | 5.000 | 1.058 | 100 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079861-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301237 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 48.108 | 0.19 | 1.0 | 25.00 | 22.82 | 101 | 90 | 110 | | | | | |

| Sample ID | N079861-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301239 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 48.103 | 0.19 | 1.0 | 25.00 | 22.69 | 102 | 90 | 110 | | | | | |

| Sample ID | N079861-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301241 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | | |

| Sample ID | N079861-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301243 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 80.483 | 0.19 | 1.0 | 25.00 | 55.71 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N079861-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301247 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 14945.800 | 77 | 400 | 10000 | 4927 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079862-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301249 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.008 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079862-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301251 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.118 | 0.039 | 0.20 | 1.000 | 0.1089 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079862-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301253 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.998 | 0.039 | 0.20 | 1.000 | 0 | 99.8 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212232 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312517 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212232 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312518 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.096 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079835-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312522 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1412.920 | 3.9 | 20 | 500.0 | 910.1 | 101 | 90 | 110 | | | | | |

| Sample ID | N079835-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312524 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.860 | 0.039 | 0.20 | 1.000 | 0.8878 | 97.2 | 90 | 110 | | | | | |

| Sample ID | N079836-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312532 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.983 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079836-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212232**
Client ID: **ZZZZZZ** Batch ID: **R212232** TestNo: **EPA 218.6** Analysis Date: **12/22/2025** SeqNo: **7312533**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID **N079861-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212232**
Client ID: **ZZZZZZ** Batch ID: **R212232** TestNo: **EPA 218.6** Analysis Date: **12/22/2025** SeqNo: **7312537**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 59.292 | 0.19 | 1.0 | 25.00 | 33.77 | 102 | 90 | 110 | | | | |

Sample ID **N079861-005AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212232**
Client ID: **ZZZZZZ** Batch ID: **R212232** TestNo: **EPA 218.6** Analysis Date: **12/22/2025** SeqNo: **7312538**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 59.456 | 0.19 | 1.0 | 25.00 | 33.77 | 103 | 90 | 110 | 59.29 | 0.276 | 20 | |

Sample ID **N079860-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212232**
Client ID: **ZZZZZZ** Batch ID: **R212232** TestNo: **EPA 218.6** Analysis Date: **12/22/2025** SeqNo: **7312539**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1977.760 | 7.7 | 40 | 1000 | 1025 | 95.2 | 90 | 110 | | | | |

Sample ID **N079860-009ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212232**
Client ID: **ZZZZZZ** Batch ID: **R212232** TestNo: **EPA 218.6** Analysis Date: **12/22/2025** SeqNo: **7312541**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1005.440 | 7.7 | 40 | | | | | | 1025 | 1.96 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312542 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 53.549 | 0.19 | 1.0 | 25.00 | 28.78 | 99.1 | 90 | 110 | | | | | | |

| Sample ID | N079860-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312543 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 496.375 | 1.9 | 10 | 250.0 | 253.6 | 97.1 | 90 | 110 | | | | | | |

| Sample ID | N079860-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312544 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 817.845 | 1.9 | 10 | 250.0 | 560.0 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079860-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312547 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 7.740 | 0.039 | 0.20 | 5.000 | 2.912 | 96.5 | 90 | 110 | | | | | | |

| Sample ID | N079860-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312549 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.1520 | 97.9 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312551 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.1626 | 94.2 | 90 | 110 | | | | | | |

| Sample ID | N079893-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312553 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 466.095 | 1.9 | 10 | 250.0 | 204.6 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079860-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312559 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.217 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079860-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312561 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.020 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | | | |

| Sample ID | N079836-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312562 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.151 | 0.039 | 0.20 | 1.000 | 0.1720 | 97.9 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079957-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212232 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7312564 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 14.033 | 0.039 | 0.20 | 5.000 | 9.004 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-126196 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126196 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327719 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126196 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126196 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327720 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.718 | 0.13 | 1.0 | 10.00 | 0 | 97.2 | 85 | 115 | | | | |

| Sample ID | N079835-004CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126196 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7327766 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 323.518 | 0.63 | 5.0 | 10.00 | 283.5 | 400 | 75 | 125 | | | | S |

| Sample ID | N079835-004CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126196 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7327768 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 305.530 | 0.63 | 5.0 | 10.00 | 283.5 | 220 | 75 | 125 | 323.5 | 5.72 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | LCS-126197 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327639 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.233 | 0.13 | 1.0 | 10.00 | 0 | 92.3 | 85 | 115 | | | | |

| Sample ID | N079835-009CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327651 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1643.319 | 3.2 | 25 | 10.00 | 1632 | 111 | 75 | 125 | | | | |

| Sample ID | N079835-009CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327654 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1449.855 | 3.2 | 25 | 10.00 | 1632 | -1820 | 75 | 125 | 1643 | 12.5 | 20 | S |

| Sample ID | MB-126197 | SampType: | MBLK | TestCode: | 6020DIS_CR | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7328190 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-126462 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338207 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126462 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338208 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.853 | 0.13 | 1.0 | 10.00 | 0 | 98.5 | 85 | 115 | | | | |

| Sample ID | N079835-010C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338212 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1801.048 | 3.2 | 25 | 10.00 | 1698 | 1030 | 75 | 125 | | | | S |

| Sample ID | N079835-010C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338213 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1743.682 | 3.2 | 25 | 10.00 | 1698 | 455 | 75 | 125 | 1801 | 3.24 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | **N079835-004C-PS** | SampType: **PS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: | RunNo: **212525** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **126196** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7327764** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 323.928 | 0.63 | 5.0 | 50.00 | 283.5 | 80.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079835-009C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327646 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1988.321 | 3.2 | 25 | 250.0 | 1632 | 142 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079835-010C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338211 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1917.079 | 3.2 | 25 | 250.0 | 1698 | 87.6 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079835 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/31/2025 |
| Matrix: | Surface Water |
| Batch No.: | 126196 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mo. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-004C DT 25x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-004C DT 25x | Manganese | Mn | µg/L | 89.3155 | PASS | 93.7054 | 4.68% | 10 |
| N079835-004C DT 25x | Molybdenum | Mo | µg/L | 12.40822 | NA | 13.67449 | 9.26% | 10 |
| N079835-004C DT 25x | Selenium | Se | µg/L | 105.5959 | PASS | 110.9864 | 4.86% | 10 |
| N079835-004C DT 25x | Chromium | Cr | µg/L | 266.68 | PASS | 283.5186 | 5.94% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079835
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Surface Water
Batch No.: 126197

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079835 |
| Test Method: | EPA 6020 |
| Analysis Date: | 1/8/2026 |
| Matrix: | Surface Water |
| Batch No.: | 126462 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-010C DT 125x | Chromium | Cr | µg/L | 1715.014 | PASS | 1698.16 | 0.99% | 10 |

01/08/2026

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-180-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:02:00 PM |
| **Lab ID:** | N079835-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 23 | 0.48 | 1.0 | | mg/L | 20 | 12/19/2025 12:51 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-185-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:36:00 PM |
| **Lab ID:** | N079835-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 35 | 9.6 | 20 | | mg/L | 400 | 12/18/2025 11:45 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24A-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 10:38:00 AM |
| **Lab ID:** | N079835-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 06:34 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24B-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:32:00 AM |
| **Lab ID:** | N079835-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 4.1 | 0.24 | 0.50 | | mg/L | 10 | 12/18/2025 06:50 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-50-200-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:10:00 PM |
| **Lab ID:** | N079835-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.74 | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 12:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-914-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079835-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.83 | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 07:06 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9M-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:20:00 PM |
| **Lab ID:** | N079835-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.5 | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 07:23 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9S-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:48:00 PM |
| **Lab ID:** | N079835-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251218A** | QC Batch: **R211998** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 12/18/2025 07:39 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211998_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211998 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298447 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211998_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211998 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298448 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.308 | 0.024 | 0.050 | 1.250 | 0 | 105 | 90 | 110 | | | | | |

| Sample ID | N079835-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211998 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298454 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 524.120 | 9.6 | 20 | 500.0 | 35.04 | 97.8 | 80 | 120 | | | | | |

| Sample ID | N079835-004BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211998 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298455 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 529.000 | 9.6 | 20 | 500.0 | 35.04 | 98.8 | 80 | 120 | 524.1 | 0.927 | 20 | | |

| Sample ID | N079835-009BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211998 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | | SeqNo: | 7298459 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 6.737 | 0.12 | 0.25 | 6.250 | 0.7430 | 95.9 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079835-009BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211998 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | SeqNo: | 7298460 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.944 | 0.12 | 0.25 | 6.250 | 0.7430 | 99.2 | 80 | 120 | 6.737 | 3.03 | 20 | |

| Sample ID | N079834-011CDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211998 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211998 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/18/2025 | SeqNo: | 7298461 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 13.956 | 0.24 | 0.50 | | | | | | 14.73 | 5.38 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PGE-07BR-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 9:34:00 AM |
| **Lab ID:** | N079835-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 03:22 AM |
| Manganese | 890 | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 03:28 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-68-180-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:02:00 PM |
| **Lab ID:** | N079835-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.34 | 0.50 | | µg/L | 5 | 12/31/2025 03:34 AM |
| Manganese | ND | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 03:34 AM |
| Molybdenum | 40 | 0.32 | 2.5 | | µg/L | 5 | 12/31/2025 03:34 AM |
| Selenium | 14 | 1.4 | 2.5 | | µg/L | 5 | 12/31/2025 03:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT8D-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 10:34:00 AM |
| **Lab ID:** | N079835-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 03:46 AM |
| Manganese | 810 | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 03:52 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-67-185-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:36:00 PM |
| **Lab ID:** | N079835-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.34 | 0.50 | | µg/L | 5 | 12/31/2025 04:15 AM |
| Manganese | 94 | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 04:15 AM |
| Molybdenum | 14 | 0.32 | 2.5 | | µg/L | 5 | 12/31/2025 04:15 AM |
| Selenium | 110 | 1.4 | 2.5 | | µg/L | 5 | 12/31/2025 04:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24A-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 10:38:00 AM |
| **Lab ID:** | N079835-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 05:24 AM |
| Manganese | 470 | 0.23 | 2.5 | | µg/L | 5 | 12/31/2025 05:30 AM |
| Molybdenum | 46 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 05:24 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 05:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24B-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 11:32:00 AM |
| **Lab ID:** | N079835-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 05:36 AM |
| Manganese | 34 | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 05:36 AM |
| Molybdenum | 28 | 0.063 | 0.50 | | µg/L | 1 | 12/31/2025 05:36 AM |
| Selenium | 3.4 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 05:36 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-50-095-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:57:00 PM |
| **Lab ID:** | N079835-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126196** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | 0.44 | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 05:48 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/31/2025 05:48 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-50-200-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:10:00 PM |
| **Lab ID:** | N079835-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 03:21 PM |
| Manganese | 0.86 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 03:21 PM |
| Molybdenum | 52 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 03:21 PM |
| Selenium | 0.90 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 09:16 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-914-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 3:20:00 PM |
| **Lab ID:** | N079835-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 04:54 PM |
| Manganese | 0.74 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 04:54 PM |
| Molybdenum | 48 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 04:54 PM |
| Selenium | 0.82 | 0.29 | 0.50 | | µg/L | 1 | 12/31/2025 09:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9M-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 2:20:00 PM |
| **Lab ID:** | N079835-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 05:29 PM |
| Manganese | 30 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 05:29 PM |
| Molybdenum | 4.9 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 05:29 PM |
| Selenium | 4.7 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 05:29 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT9S-Q425 |
| **Lab Order:** | N079835 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/17/2025 12:48:00 PM |
| **Lab ID:** | N079835-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | 1.2 | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 05:47 PM |
| Manganese | 730 | 0.23 | 2.5 | | µg/L | 5 | 12/30/2025 05:52 PM |
| Molybdenum | 31 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 05:47 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 05:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-126196** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **PBW** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327883**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-126196** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **LCSW** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327884**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.890 | 0.067 | 0.10 | 10.00 | 0 | 88.9 | 85 | 115 | | | | |
| Manganese | 96.721 | 0.046 | 0.50 | 100.0 | 0 | 96.7 | 85 | 115 | | | | |
| Molybdenum | 8.977 | 0.063 | 0.50 | 10.00 | 0 | 89.8 | 85 | 115 | | | | |
| Selenium | 9.578 | 0.29 | 0.50 | 10.00 | 0 | 95.8 | 85 | 115 | | | | |

Sample ID **N079835-004CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327930**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.849 | 0.34 | 0.50 | 10.00 | 0 | 98.5 | 75 | 125 | | | | |
| Manganese | 211.421 | 0.23 | 2.5 | 100.0 | 93.71 | 118 | 75 | 125 | | | | |
| Molybdenum | 26.636 | 0.32 | 2.5 | 10.00 | 13.67 | 130 | 75 | 125 | | | | S |
| Selenium | 131.989 | 1.4 | 2.5 | 10.00 | 111.0 | 210 | 75 | 125 | | | | S |

Sample ID **N079835-004CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327932**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.923 | 0.34 | 0.50 | 10.00 | 0 | 89.2 | 75 | 125 | 9.849 | 9.86 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079835-004CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212526 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126196 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7327932 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 194.442 | 0.23 | 2.5 | 100.0 | 93.71 | 101 | 75 | 125 | 211.4 | 8.37 | 20 | |
| Molybdenum | 24.073 | 0.32 | 2.5 | 10.00 | 13.67 | 104 | 75 | 125 | 26.64 | 10.1 | 20 | |
| Selenium | 122.732 | 1.4 | 2.5 | 10.00 | 111.0 | 117 | 75 | 125 | 132.0 | 7.27 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **LCS-126197** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **LCSW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327803**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.321 | 0.067 | 0.10 | 10.00 | 0 | 93.2 | 85 | 115 | | | | |
| Manganese | 94.389 | 0.046 | 0.50 | 100.0 | 0 | 94.4 | 85 | 115 | | | | |
| Molybdenum | 9.251 | 0.063 | 0.50 | 10.00 | 0 | 92.5 | 85 | 115 | | | | |
| Selenium | 9.181 | 0.29 | 0.50 | 10.00 | 0 | 91.8 | 85 | 115 | | | | |

Sample ID **N079835-009CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327813**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.725 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | | | | |
| Manganese | 88.620 | 0.046 | 0.50 | 100.0 | 0.8557 | 87.8 | 75 | 125 | | | | |
| Molybdenum | 63.562 | 0.063 | 0.50 | 10.00 | 52.24 | 113 | 75 | 125 | | | | |
| Selenium | 9.566 | 0.29 | 0.50 | 10.00 | 0.8585 | 87.1 | 75 | 125 | | | | |

Sample ID **N079835-009CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327816**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.415 | 0.067 | 0.10 | 10.00 | 0 | 94.2 | 75 | 125 | 8.725 | 7.61 | 20 | |
| Manganese | 91.953 | 0.046 | 0.50 | 100.0 | 0.8557 | 91.1 | 75 | 125 | 88.62 | 3.69 | 20 | |
| Molybdenum | 61.417 | 0.063 | 0.50 | 10.00 | 52.24 | 91.8 | 75 | 125 | 63.56 | 3.43 | 20 | |
| Selenium | 10.538 | 0.29 | 0.50 | 10.00 | 0.8585 | 96.8 | 75 | 125 | 9.566 | 9.67 | 20 | |

Sample ID **MB-126197** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **PBW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7328237**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **MB-126197** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/20/2025** | RunNo: **212526** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126197** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/30/2025** | SeqNo: **7328237** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N079835-004C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126196** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7327928**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 45.721 | 0.34 | 0.50 | 50.00 | 0 | 91.4 | 80 | 120 | | | | |
| Manganese | 540.966 | 0.23 | 2.5 | 500.0 | 93.71 | 89.5 | 80 | 120 | | | | |
| Molybdenum | 61.372 | 0.32 | 2.5 | 50.00 | 13.67 | 95.4 | 80 | 120 | | | | |
| Selenium | 152.987 | 1.4 | 2.5 | 50.00 | 111.0 | 84.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079835
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N079835-009C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327808**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.280 | 0.067 | 0.10 | 10.00 | 0 | 92.8 | 80 | 120 | | | | |
| Manganese | 86.801 | 0.046 | 0.50 | 100.0 | 0.8557 | 85.9 | 80 | 120 | | | | |
| Molybdenum | 63.663 | 0.063 | 0.50 | 10.00 | 52.24 | 114 | 80 | 120 | | | | |
| Selenium | 9.542 | 0.29 | 0.50 | 10.00 | 0.8585 | 86.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079835 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/31/2025 |
| Matrix: | Surface Water |
| Batch No.: | 126196 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mo. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-004C DT 25x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-004C DT 25x | Manganese | Mn | µg/L | 89.3155 | PASS | 93.7054 | 4.68% | 10 |
| N079835-004C DT 25x | Molybdenum | Mo | µg/L | 12.40822 | NA | 13.67449 | 9.26% | 10 |
| N079835-004C DT 25x | Selenium | Se | µg/L | 105.5959 | PASS | 110.9864 | 4.86% | 10 |
| N079835-004C DT 25x | Chromium | Cr | µg/L | 266.68 | PASS | 283.5186 | 5.94% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079835
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Surface Water
Batch No.: 126197

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 1/5/2026 12:00 AM
FOLDER R: 12/17/2025
N079835-013A 1 of 1

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| | | |

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/17/2025 Workorder: N079835

Rep sample Temp (Deg C): 1.9 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

for:

Checklist Completed By: VM Jana Carganilla

12/18/2025

For:

Reviewed By: MBC Mary Ann Yarra

12/28/2025

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079835

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079835-001A | PGE-07BR-Q425 | 12/17/2025 9:34:00 AM | 1/5/2026 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-001B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-002A | MW-68-180-Q425 | 12/17/2025 3:02:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-002B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-002C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-003A | PT8D-Q425 | 12/17/2025 10:34:00 AM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-003B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-004A | MW-67-185-Q425 | 12/17/2025 12:36:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079835-004B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| N079835-004C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079835-005A | EB-759-Q425 | 12/17/2025 3:12:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-006A | MW-24A-Q425 | 12/17/2025 10:38:00 AM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-006B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-006C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079835

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079835-006C | MW-24A-Q425 | 12/17/2025 10:38:00 AM | 1/5/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-007A | MW-24B-Q425 | 12/17/2025 11:32:00 AM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-007B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-007C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-008A | MW-50-095-Q425 | 12/17/2025 3:57:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-008B | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-009A | MW-50-200-Q425 | 12/17/2025 3:10:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079835-009B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| N079835-009C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079835-010A | MW-914-Q425 | 12/17/2025 3:20:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-010B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-010C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-011A | PT9M-Q425 | 12/17/2025 2:20:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*18-Dec-25*

**WorkOrder:** N079835

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/17/2025 7:36 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079835-011B | PT9M-Q425 | 12/17/2025 2:20:00 PM | 1/5/2026 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-011C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-012A | PT9S-Q425 | 12/17/2025 12:48:00 PM | 1/5/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079835-012B | | | 1/5/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079835-012C | | | 1/5/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/5/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079835-013A | FOLDER | 1/5/2026 | 1/5/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/5/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/5/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 29, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079690

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 11, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079690

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Nitrate/Nitrite as Nitrogen was subcontracted to Pace Analytical - Bakersfield, CA.

Analytical Comments for EPA 218.6:

Dilution was necessary for sample N079690-003 due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (4.3 ug/L) and hexavalent chromium (6.9 ug/L) for sample N079690-001 (MW-40D-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (4.3 ug/L) and hexavalent chromium (6.9 ug/L) for sample N079690-001 (MW-40D-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The

results from the redigested samples were 4.6 and 6.4 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Molybdenum in QC samples N079692-010CMS and N079692-010CMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Sample N079690-008 was reanalyzed several times due to RSD not meeting the <15% criteria for analyte Arsenic. Arsenic was reported at 0.72ug/L with the lowest RSD of 18.3 %. The results are comparable on all runs. See Corrective Action Report 9438.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079690
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079690-001A | MW-40D-Q425 | Surface Water | 12/11/2025 8:54:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-001B | MW-40D-Q425 | Surface Water | 12/11/2025 8:54:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-001C | MW-40D-Q425 | Surface Water | 12/11/2025 8:54:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-002A | MW-40S-Q425 | Surface Water | 12/11/2025 9:48:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-002B | MW-40S-Q425 | Surface Water | 12/11/2025 9:48:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-002C | MW-40S-Q425 | Surface Water | 12/11/2025 9:48:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-003A | MW-89-183-Q425 | Surface Water | 12/11/2025 9:44:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-003B | MW-89-183-Q425 | Surface Water | 12/11/2025 9:44:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-003C | MW-89-183-Q425 | Surface Water | 12/11/2025 9:44:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-003D | MW-89-183-Q425 | Surface Water | 12/11/2025 9:44:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-004A | MW-89-273-Q425 | Surface Water | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-004B | MW-89-273-Q425 | Surface Water | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-004C | MW-89-273-Q425 | Surface Water | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-004D | MW-89-273-Q425 | Surface Water | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/29/2025 |
| N079690-005A | MW-23-060-Q425 | Surface Water | 12/11/2025 1:12:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-005B | MW-23-060-Q425 | Surface Water | 12/11/2025 1:12:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-005C | MW-23-060-Q425 | Surface Water | 12/11/2025 1:12:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-005D | MW-23-060-Q425 | Surface Water | 12/11/2025 1:12:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-006A | MW-23-080-Q425 | Surface Water | 12/11/2025 12:38:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-006B | MW-23-080-Q425 | Surface Water | 12/11/2025 12:38:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-006C | MW-23-080-Q425 | Surface Water | 12/11/2025 12:38:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-006D | MW-23-080-Q425 | Surface Water | 12/11/2025 12:38:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-007A | MW-908-Q425 | Surface Water | 12/11/2025 12:48:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-007B | MW-908-Q425 | Surface Water | 12/11/2025 12:48:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-007C | MW-908-Q425 | Surface Water | 12/11/2025 12:48:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-007D | MW-908-Q425 | Surface Water | 12/11/2025 12:48:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-008A | TW-05-Q425 | Surface Water | 12/11/2025 2:24:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-008B | TW-05-Q425 | Surface Water | 12/11/2025 2:24:00 PM | 12/11/2025 | 12/29/2025 |
| N079690-009A | EB-750-Q425 | Surface Water | 12/11/2025 2:50:00 PM | 12/11/2025 | 12/29/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40D-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 8:54:00 AM |
| **Lab ID:** | N079690-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 6.9 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 11:09 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 4.3 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40S-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:48:00 AM |
| **Lab ID:** | N079690-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** QC Batch: **R211873** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 05:05 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251218N** QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 18 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-183-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:44:00 AM |
| **Lab ID:** | N079690-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251216A** | QC Batch: **R211939** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/16/2025 09:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-273-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079690-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.54 | 0.039 | 0.20 | | µg/L | 1 | 12/15/2025 01:56 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-060-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 1:12:00 PM |
| **Lab ID:** | N079690-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** QC Batch: **R211873** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 26 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 11:32 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251218N** QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 26 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-080-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:38:00 PM |
| **Lab ID:** | N079690-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.8 | 0.039 | 0.20 | | µg/L | 1 | 12/15/2025 04:08 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 2.8 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-908-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:48:00 PM |
| **Lab ID:** | N079690-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.7 | 0.039 | 0.20 | | µg/L | 1 | 12/15/2025 04:46 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 3.1 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 01:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-05-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 2:24:00 PM |
| **Lab ID:** | N079690-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** QC Batch: **R211873** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 11:51 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251218N** QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 12 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-750-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 2:50:00 PM |
| **Lab ID:** | N079690-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/15/2025 02:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211873 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286864 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211873 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286865 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.031 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079690-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286868 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 51.790 | 0.19 | 1.0 | 25.00 | 26.22 | 102 | 90 | 110 | | | | | |

| Sample ID | N079690-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286870 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 35.898 | 0.19 | 1.0 | 25.00 | 10.97 | 99.7 | 90 | 110 | | | | | |

| Sample ID | N079690-008ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286871 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 11.125 | 0.19 | 1.0 | | | | | | 10.97 | 1.43 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079690-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286872 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 52.307 | 0.19 | 1.0 | 25.00 | 26.22 | 104 | 90 | 110 | 51.79 | 0.993 | 20 | |

| Sample ID | N079691-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286876 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 384.160 | 1.9 | 10 | 250.0 | 135.7 | 99.4 | 90 | 110 | | | | |

| Sample ID | N079690-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286880 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.532 | 0.039 | 0.20 | 1.000 | 0.5399 | 99.2 | 90 | 110 | | | | |

| Sample ID | N079690-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286882 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

| Sample ID | N079690-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286886 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.730 | 0.039 | 0.20 | 1.000 | 2.814 | 91.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286890**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.790 | 0.039 | 0.20 | 1.000 | 2.701 | 109 | 90 | 110 | | | | |

Sample ID **N079690-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 22.824 | 0.19 | 1.0 | 5.000 | 17.91 | 98.3 | 90 | 110 | | | | |

Sample ID **N079717-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286902**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 35.908 | 0.19 | 1.0 | 25.00 | 11.24 | 98.7 | 90 | 110 | | | | |

Sample ID **N079717-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286904**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.016 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N079717-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.254 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286911**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 11.620 | 0.19 | 1.0 | 5.000 | 6.890 | 94.6 | 90 | 110 | | | | |

Sample ID **N079691-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286913**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.877 | 0.19 | 1.0 | 5.000 | 0.9130 | 99.3 | 90 | 110 | | | | |

Sample ID **N079691-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286917**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.754 | 0.19 | 1.0 | 5.000 | 1.002 | 95.0 | 90 | 110 | | | | |

Sample ID **N079691-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286919**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID **N079717-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286920**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.497 | 0.19 | 1.0 | 5.000 | 1.156 | 107 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079717-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211873 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286921 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.484 | 0.19 | 1.0 | 5.000 | 1.180 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211939 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291283 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211939 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291284 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.824 | 0.039 | 0.20 | 5.000 | 0 | 96.5 | 90 | 110 | | | | | |

| Sample ID | N079717-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291288 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | | |

| Sample ID | N079757-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291296 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.628 | 0.039 | 0.20 | 1.000 | 0.6949 | 93.3 | 90 | 110 | | | | | |

| Sample ID | N079757-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291297 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 43.023 | 0.19 | 1.0 | 25.00 | 17.84 | 101 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079757-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291298 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 43.719 | 0.19 | 1.0 | 25.00 | 17.84 | 104 | 90 | 110 | 43.02 | 1.61 | 20 | | | |

| Sample ID | N079757-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291300 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 573.865 | 1.9 | 10 | 250.0 | 325.3 | 99.4 | 90 | 110 | | | | | | |

| Sample ID | N079757-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291304 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.089 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079653-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291306 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.869 | 0.039 | 0.20 | 1.000 | 0.8025 | 107 | 90 | 110 | | | | | | |

| Sample ID | N079755-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291308 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.348 | 0.039 | 0.20 | 1.000 | 0.2524 | 110 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079755-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291310**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.1822 | 96.2 | 90 | 110 | | | | |

Sample ID **N079756-003ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291313**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.182 | 0.039 | 0.20 | | | | | | 1.144 | 3.25 | 20 | |

Sample ID **N079755-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291317**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.568 | 0.039 | 0.20 | 1.000 | 0.6532 | 91.5 | 90 | 110 | | | | |

Sample ID **N079690-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291319**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.012 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

Sample ID **N079717-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291321**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.606 | 0.19 | 1.0 | 5.000 | 0 | 92.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125972 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303337 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125972 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303338 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.632 | 0.13 | 1.0 | 10.00 | 0 | 106 | 85 | 115 | | | | |

| Sample ID | N079692-010CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303362 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.072 | 0.13 | 1.0 | 10.00 | 1.082 | 99.9 | 75 | 125 | | | | |

| Sample ID | N079692-010CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303363 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.007 | 0.13 | 1.0 | 10.00 | 1.082 | 99.3 | 75 | 125 | 11.07 | 0.588 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079692-010C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303361 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.107 | 0.13 | 1.0 | 10.00 | 1.082 | 100 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079690
Test Method: EPA 6020
Analysis Date: 12/19/2025

Matrix: Groundwater
Batch No.: 125972

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Manganese | Mn | µg/L | 1.946935 | NA | 1.655838 | 17.58% | 10 |
| N079692-010C DT 5x | Molybdenum | Mo | µg/L | 16.68245 | PASS | 16.07499 | 3.78% | 10 |
| N079692-010C DT 5x | Selenium | Se | µg/L | 3.938755 | NA | 3.752922 | 4.95% | 10 |
| N079692-010C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079692-010C DT 5x | Chromium | Cr | µg/L | 1.109167 | NA | 1.081869 | 2.52% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40D-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 8:54:00 AM |
| **Lab ID:** | N079690-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 11:41 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40S-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:48:00 AM |
| **Lab ID:** | N079690-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 3.8 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 01:52 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-183-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:44:00 AM |
| **Lab ID:** | N079690-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 2.9 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 02:09 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-273-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079690-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 2.7 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 02:25 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-060-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 1:12:00 PM |
| **Lab ID:** | N079690-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 3.6 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 12:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-080-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:38:00 PM |
| **Lab ID:** | N079690-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.4 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 02:42 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-908-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:48:00 PM |
| **Lab ID:** | N079690-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.4 | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 02:58 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211704_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276086 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211704_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276087 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.245 | 0.024 | 0.050 | 1.250 | 0 | 99.6 | 90 | 110 | | | | | |

| Sample ID | N079690-001BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276092 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.420 | 0.24 | 0.50 | 12.50 | 0.3770 | 96.3 | 80 | 120 | | | | | |

| Sample ID | N079690-001BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276093 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.478 | 0.24 | 0.50 | 12.50 | 0.3770 | 96.8 | 80 | 120 | 12.42 | 0.466 | 20 | | |

| Sample ID | N079690-005BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276095 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 3.647 | 0.24 | 0.50 | | | | | | 3.628 | 0.522 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079690-005BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211704 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | SeqNo: | 7276098 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 16.037 | 0.24 | 0.50 | 12.50 | 3.628 | 99.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40D-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 8:54:00 AM |
| **Lab ID:** | N079690-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:28 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:14 PM |
| Molybdenum | 25 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:14 PM |
| Selenium | 0.84 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 01:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-40S-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:48:00 AM |
| **Lab ID:** | N079690-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 1.0 | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 02:27 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:20 PM |
| Molybdenum | 7.7 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:20 PM |
| Selenium | 2.5 | 0.29 | 0.50 | | µg/L | 1 | 12/22/2025 02:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-183-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 9:44:00 AM |
| **Lab ID:** | N079690-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | | PrepDate: **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:34 AM |
| Manganese | 460 | 0.46 | 5.0 | | µg/L | 10 | 12/21/2025 06:01 PM |
| Molybdenum | 7.3 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:26 PM |
| Selenium | 3.2 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 01:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-89-273-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079690-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | 4.2 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:40 AM |
| Manganese | 1.5 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:32 PM |
| Molybdenum | 37 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:32 PM |
| Selenium | 3.6 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 01:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-060-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 1:12:00 PM |
| **Lab ID:** | N079690-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:46 AM |
| Manganese | 0.78 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:38 PM |
| Molybdenum | 31 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:38 PM |
| Selenium | 3.2 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 01:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-23-080-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:38:00 PM |
| **Lab ID:** | N079690-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 3.0 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:51 AM |
| Manganese | 1.6 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:44 PM |
| Molybdenum | 57 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:44 PM |
| Selenium | 1.7 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 01:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-908-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 12:48:00 PM |
| **Lab ID:** | N079690-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 2.8 | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 02:33 PM |
| Manganese | 1.5 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 01:49 PM |
| Molybdenum | 58 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 01:49 PM |
| Selenium | 2.1 | 0.29 | 0.50 | | µg/L | 1 | 12/22/2025 02:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-05-Q425 |
| **Lab Order:** | N079690 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/11/2025 2:24:00 PM |
| **Lab ID:** | N079690-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.72 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 09:57 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125972 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303181 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125972 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303182 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 106.524 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |
| Molybdenum | 10.198 | 0.063 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |
| Selenium | 10.237 | 0.29 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N079692-010CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303206 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 100.836 | 0.046 | 0.50 | 100.0 | 1.656 | 99.2 | 75 | 125 | | | | |
| Molybdenum | 28.816 | 0.063 | 0.50 | 10.00 | 16.07 | 127 | 75 | 125 | | | | S |
| Selenium | 13.945 | 0.29 | 0.50 | 10.00 | 3.753 | 102 | 75 | 125 | | | | |

| Sample ID | N079692-010CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303207 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 100.626 | 0.046 | 0.50 | 100.0 | 1.656 | 99.0 | 75 | 125 | 100.8 | 0.209 | 20 | |
| Molybdenum | 28.636 | 0.063 | 0.50 | 10.00 | 16.07 | 126 | 75 | 125 | 28.82 | 0.626 | 20 | S |
| Selenium | 14.440 | 0.29 | 0.50 | 10.00 | 3.753 | 107 | 75 | 125 | 13.95 | 3.49 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125972 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212211 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/22/2025 | SeqNo: | 7311605 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |

| Sample ID | LCS-125972 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212211 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/22/2025 | SeqNo: | 7311606 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.036 | 0.067 | 0.10 | 10.00 | 0 | 100 | 85 | 115 | | | | |

| Sample ID | N079692-010CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212211 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/22/2025 | SeqNo: | 7311623 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.273 | 0.067 | 0.10 | 10.00 | 0 | 92.7 | 75 | 125 | | | | |

| Sample ID | N079692-010CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212211 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125972 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/22/2025 | SeqNo: | 7311624 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.497 | 0.067 | 0.10 | 10.00 | 0 | 95.0 | 75 | 125 | 9.273 | 2.39 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079690
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **N079692-010C-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **212107** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303205** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 99.905 | 0.046 | 0.50 | 100.0 | 1.656 | 98.2 | 80 | 120 | | | | |
| Molybdenum | 27.836 | 0.063 | 0.50 | 10.00 | 16.07 | 118 | 80 | 120 | | | | |
| Selenium | 14.202 | 0.29 | 0.50 | 10.00 | 3.753 | 104 | 80 | 120 | | | | |

| Sample ID **N079692-010C-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **212211** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/22/2025** | SeqNo: **7311622** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.286 | 0.067 | 0.10 | 10.00 | 0 | 92.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079690 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/19/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125972 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Manganese | Mn | µg/L | 1.946935 | NA | 1.655838 | 17.58% | 10 |
| N079692-010C DT 5x | Molybdenum | Mo | µg/L | 16.68245 | PASS | 16.07499 | 3.78% | 10 |
| N079692-010C DT 5x | Selenium | Se | µg/L | 3.938755 | NA | 3.752922 | 4.95% | 10 |
| N079692-010C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079692-010C DT 5x | Chromium | Cr | µg/L | 1.109167 | NA | 1.081869 | 2.52% | 10 |

Note: NA - Not Applicable

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/26/202 12:00 AM
FOLDER R: 12/11/2025
N079690-010A 1 of 1

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Re |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Nana Tay | Phone: 720.344.3771 Fax: | Phone: Fax: | Others ✓ |
| Title: PM | | | Specify: RWQCB |
| Signature: Date: 12/11/25 | Sampled By: Nana Tay | | Global ID: |
| Project Name: PG&E Topock - RCM | Signature: Date: 12/11/25 | | |
| Project Number: 30251660 | | | |

I hereby authorize ASSET Labs to perform the tests indicated below

I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for

| Matrix | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| | | |
|---|---|---|
| RWQCB | ✓ | |
| CalTrans | | |
| LEVEL III | | |
| LEVEL IV | | |
| Regulatory | | |
| Specify State: | | |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |
| Sample Temp: 3.9°C | | |

Courier: ASSET
Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | 250 mL poly: Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH | 1L poly: Nitrate (EPA 300.0) | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, | 500mL poly: Dissolved metals (SW6020) FF; HNO3 molybdenum, selenium | 125 mL poly: Nitrate/Nitrite (SM4500N03) Nitrogen; H2SO4 | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079690-001 | MW-40D-Q425 | 12/11/2025 | 8:54 | | X | X | X | X | | | | E | 3 | P | BN | |
| 2 | -002 | MW-40S-Q425 | 12/11/2025 | 9:48 | | X | X | X | X | | | | E | 3 | P | BN | |
| 3 | -003 | MW-89-183-Q425 | 12/11/2025 | 9:44 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 4 | -004 | MW-89-273-Q425 | 12/11/2025 | 10:33 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 5 | -005 | MW-23-060-Q425 | 12/11/2025 | 13:12 | | X | X | X | X | | X | | E | 4 | P | BN | |
| | -006 | MW-23-080-Q425 | 12/11/2025 | 12:38 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 7 | -007 | MW-908-Q425 | 12/11/2025 | 12:48 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 8 | -008 | TW-05-Q425 | 12/11/2025 | 14:24 | | X | | | X | | | X | E | 2 | P | BN | |
| 9 | -009 | EB-750-Q425 | 12/11/2025 | 14:50 | | X | | | | | | | E | 1 | P | BN | |
| 10 | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Nana Tay | 12/11/25 1600 | ROMEO ALCANTARA | 12/11/25 1630 |
| ROMEO ALCANTARA | 12/11/25 1953 | WR MARIANO | 12/11/25 1953 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

| | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| | C | = 2 Workdays |
| | D | = 3 Workdays |
| X | E | = Routine 5-7 Workdays |

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/11/2025 | Workorder: | N079690 |
| Rep sample Temp (Deg C): | 3.9 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano
12/12/2025

Reviewed By: For: MBC Mary Ann Yarra
12/15/2025

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079690

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079690-001A | MW-40D-Q425 | 12/11/2025 8:54:00 AM | 12/29/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-001B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-001C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-002A | MW-40S-Q425 | 12/11/2025 9:48:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-002B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-002C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-003A | MW-89-183-Q425 | 12/11/2025 9:44:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-003B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-003C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-003D | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☐ | SUB |
| N079690-004A | MW-89-273-Q425 | 12/11/2025 10:33:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-004B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-004C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079690

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079690-004D | MW-89-273-Q425 | 12/11/2025 10:33:00 AM | 12/29/2025 | Surface Water | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☐ | SUB |
| N079690-005A | MW-23-060-Q425 | 12/11/2025 1:12:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-005B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-005C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-005D | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☐ | SUB |
| N079690-006A | MW-23-080-Q425 | 12/11/2025 12:38:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-006B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-006C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-006D | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☐ | SUB |
| N079690-007A | MW-908-Q425 | 12/11/2025 12:48:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-007B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079690-007C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-007D | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☐ | SUB |
| N079690-008A | TW-05-Q425 | 12/11/2025 2:24:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-008B | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079690

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079690-008B | TW-05-Q425 | 12/11/2025 2:24:00 PM | 12/29/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079690-009A | EB-750-Q425 | 12/11/2025 2:50:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079690-010A | FOLDER | 12/29/2025 | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/29/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

**ASSET Laboratories**
*3151-3153 W Post Rd., Las Vegas, NV 89118*
*www.atl-labs.com*
*TEL: 7023072659* *FAX: 7023072691*

# CHAIN-OF-CUSTODY RECORD



**QC Level: Level IV**

**Subcontractor:**

Pace Analytical
4100 Altlas Court
Bakersfield, CA 93308

TEL: (661) 327-4911
FAX: (661) 327-1918
Acct #:

Field Sampler: Nara Tep

**13-Dec-25**

| Sample ID | Matrix | Date Collected | Bottle Type | Requested Tests: Nitrate/Nitrite EPA 353.2 SM4500-NO3F | | |
|---|---|---|---|---|---|---|
| N079690-003D / MW-89-183-Q425 | Surface Water | 12/11/2025 9:44:00 AM | 4OZP | 1 | | |
| N079690-004D / MW-89-273-Q425 | Surface Water | 12/11/2025 10:33:00 AM | 4OZP | 1 | | |
| N079690-005D / MW-23-060-Q425 | Surface Water | 12/11/2025 1:12:00 PM | 4OZP | 1 | | |
| N079690-006D / MW-23-080-Q425 | Surface Water | 12/11/2025 12:38:00 PM | 4OZP | 1 | | |
| N079690-007D / MW-908-Q425 | Surface Water | 12/11/2025 12:48:00 PM | 4OZP | 1 | | |

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N79690 Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by:Standard TAT

Please analyze for Nitrate/Nitrite as Nitrogen by EPA 353.2. EDD requirement Labspec7 edata.

GLS#563855177

| | | Date/Time | | Date/Time |
|---|---|---|---|---|
| **Relinquished by:** | Vaughn Mariano | 12/15/2025 17:00 | **Received by:** | |
| **Relinquished by:** | | | **Received by:** | |

December 02, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078819

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 11, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078819

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N078819-001 (TW-02D-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N078819-021 (MW-30-050-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N078819-001 (TW-02D-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 0.40 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N078819-021 (MW-30-050-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.2 and 0.74 ug/L, respectively. Since these

data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Arsenic in QC sample N078819-016CMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078819
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078819-001A | TW-02D-Q425 | Groundwater | 11/11/2025 9:37:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-001B | TW-02D-Q425 | Groundwater | 11/11/2025 9:37:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-001C | TW-02D-Q425 | Groundwater | 11/11/2025 9:37:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-001D | TW-02D-Q425 | Groundwater | 11/11/2025 9:37:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-002A | TW-02S-Q425 | Groundwater | 11/11/2025 8:58:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-002B | TW-02S-Q425 | Groundwater | 11/11/2025 8:58:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-002C | TW-02S-Q425 | Groundwater | 11/11/2025 8:58:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-002D | TW-02S-Q425 | Groundwater | 11/11/2025 8:58:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-003A | TW-03D-Q425 | Groundwater | 11/11/2025 10:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-003B | TW-03D-Q425 | Groundwater | 11/11/2025 10:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-003C | TW-03D-Q425 | Groundwater | 11/11/2025 10:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-003D | TW-03D-Q425 | Groundwater | 11/11/2025 10:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-004A | MW-31-060-Q425 | Groundwater | 11/11/2025 11:21:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-004B | MW-31-060-Q425 | Groundwater | 11/11/2025 11:21:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-004C | MW-31-060-Q425 | Groundwater | 11/11/2025 11:21:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-004D | MW-31-060-Q425 | Groundwater | 11/11/2025 11:21:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-005A | MW-909-Q425 | Groundwater | 11/11/2025 11:31:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-005B | MW-909-Q425 | Groundwater | 11/11/2025 11:31:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-005C | MW-909-Q425 | Groundwater | 11/11/2025 11:31:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-005D | MW-909-Q425 | Groundwater | 11/11/2025 11:31:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-006A | MW-31-135-Q425 | Groundwater | 11/11/2025 10:44:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-006B | MW-31-135-Q425 | Groundwater | 11/11/2025 10:44:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-006C | MW-31-135-Q425 | Groundwater | 11/11/2025 10:44:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-006D | MW-31-135-Q425 | Groundwater | 11/11/2025 10:44:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-007A | MW-20-070-Q425 | Groundwater | 11/11/2025 12:09:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-007B | MW-20-070-Q425 | Groundwater | 11/11/2025 12:09:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-007C | MW-20-070-Q425 | Groundwater | 11/11/2025 12:09:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-007D | MW-20-070-Q425 | Groundwater | 11/11/2025 12:09:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-008A | MW-20-100-Q425 | Groundwater | 11/11/2025 1:17:00 PM | 11/11/2025 | 12/2/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078819
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078819-008B | MW-20-100-Q425 | Groundwater | 11/11/2025 1:17:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-008C | MW-20-100-Q425 | Groundwater | 11/11/2025 1:17:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-008D | MW-20-100-Q425 | Groundwater | 11/11/2025 1:17:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-009A | MW-20-130-Q425 | Groundwater | 11/11/2025 12:43:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-009B | MW-20-130-Q425 | Groundwater | 11/11/2025 12:43:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-009C | MW-20-130-Q425 | Groundwater | 11/11/2025 12:43:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-009D | MW-20-130-Q425 | Groundwater | 11/11/2025 12:43:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-010A | EB-709-Q425 | Groundwater | 11/11/2025 1:27:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-011A | MW-39-040-EB-Q424 | Groundwater | 11/11/2025 12:03:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-012A | MW-39-040-Q425 | Groundwater | 11/11/2025 12:20:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-012B | MW-39-040-Q425 | Groundwater | 11/11/2025 12:20:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-012C | MW-39-040-Q425 | Groundwater | 11/11/2025 12:20:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-012D | MW-39-040-Q425 | Groundwater | 11/11/2025 12:20:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-013A | MW-39-050-Q425 | Groundwater | 11/11/2025 10:11:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-013B | MW-39-050-Q425 | Groundwater | 11/11/2025 10:11:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-013C | MW-39-050-Q425 | Groundwater | 11/11/2025 10:11:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-013D | MW-39-050-Q425 | Groundwater | 11/11/2025 10:11:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-014A | MW-39-060-Q425 | Groundwater | 11/11/2025 9:40:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-014B | MW-39-060-Q425 | Groundwater | 11/11/2025 9:40:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-014C | MW-39-060-Q425 | Groundwater | 11/11/2025 9:40:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-014D | MW-39-060-Q425 | Groundwater | 11/11/2025 9:40:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-015A | MW-39-070-Q425 | Groundwater | 11/11/2025 11:45:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-015B | MW-39-070-Q425 | Groundwater | 11/11/2025 11:45:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-015C | MW-39-070-Q425 | Groundwater | 11/11/2025 11:45:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-015D | MW-39-070-Q425 | Groundwater | 11/11/2025 11:45:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-016A | MW-39-080-Q425 | Groundwater | 11/11/2025 10:53:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-016B | MW-39-080-Q425 | Groundwater | 11/11/2025 10:53:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-016C | MW-39-080-Q425 | Groundwater | 11/11/2025 10:53:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-016D | MW-39-080-Q425 | Groundwater | 11/11/2025 10:53:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-017A | MW-39-100-Q425 | Groundwater | 11/11/2025 8:54:00 AM | 11/11/2025 | 12/2/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078819
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078819-017B | MW-39-100-Q425 | Groundwater | 11/11/2025 8:54:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-017C | MW-39-100-Q425 | Groundwater | 11/11/2025 8:54:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-017D | MW-39-100-Q425 | Groundwater | 11/11/2025 8:54:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-018A | MW-912-Q425 | Groundwater | 11/11/2025 9:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-018B | MW-912-Q425 | Groundwater | 11/11/2025 9:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-018C | MW-912-Q425 | Groundwater | 11/11/2025 9:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-018D | MW-912-Q425 | Groundwater | 11/11/2025 9:04:00 AM | 11/11/2025 | 12/2/2025 |
| N078819-019A | MW-30-030R-EB-Q424 | Groundwater | 11/11/2025 12:49:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-020A | MW-30-030R-Q425 | Groundwater | 11/11/2025 1:06:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-020B | MW-30-030R-Q425 | Groundwater | 11/11/2025 1:06:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-020C | MW-30-030R-Q425 | Groundwater | 11/11/2025 1:06:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-020D | MW-30-030R-Q425 | Groundwater | 11/11/2025 1:06:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-021A | MW-30-050-Q425 | Groundwater | 11/11/2025 1:46:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-021B | MW-30-050-Q425 | Groundwater | 11/11/2025 1:46:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-021C | MW-30-050-Q425 | Groundwater | 11/11/2025 1:46:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-021D | MW-30-050-Q425 | Groundwater | 11/11/2025 1:46:00 PM | 11/11/2025 | 12/2/2025 |
| N078819-022A | EB-710-Q425 | Groundwater | 11/11/2025 2:32:00 PM | 11/11/2025 | 12/2/2025 |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TW-02D-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 9:37:00 AM
**Lab ID:** N078819-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 05:27 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** | | | | PrepDate: **11/12/2025** | | | Analyst: **DJ** |
| Chromium | 1.2 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 03:29 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:58:00 AM |
| **Lab ID:** | N078819-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251118A** QC Batch: **R210579** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 2.0 | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 09:22 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 2.5 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 03:35 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:04:00 AM |
| **Lab ID:** | N078819-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** QC Batch: **R210579** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 06:31 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | | **EPA 3010A** | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 12 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 03:58 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:21:00 AM |
| **Lab ID:** | N078819-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.23 | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 06:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251122F** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 04:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-909-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:31:00 AM |
| **Lab ID:** | N078819-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 07:08 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251122F** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 04:10 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:44:00 AM |
| **Lab ID:** | N078819-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 11/17/2025 03:52 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 11 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 04:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:09:00 PM |
| **Lab ID:** | N078819-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 240 | 1.9 | 10 | | µg/L | 50 | 11/17/2025 04:11 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123B** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 260 | 0.63 | 5.0 | | µg/L | 5 | 11/23/2025 03:04 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:17:00 PM |
| **Lab ID:** | N078819-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1200 | 7.7 | 40 | | µg/L | 200 | 11/17/2025 02:08 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123B** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 1200 | 1.3 | 10 | | µg/L | 10 | 11/23/2025 03:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-20-130-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 12:43:00 PM
**Lab ID:** N078819-009
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 990 | 7.7 | 40 | | µg/L | 200 | 11/17/2025 04:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123B** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 1000 | 1.3 | 10 | | µg/L | 10 | 11/23/2025 03:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-709-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:27:00 PM |
| **Lab ID:** | N078819-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 08:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-EB-Q424 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:03:00 PM |
| **Lab ID:** | N078819-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117A** | QC Batch: **R210549** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 08:24 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:20:00 PM |
| **Lab ID:** | N078819-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117A** QC Batch: **R210549** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/17/2025 03:33 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 04:39 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:11:00 AM |
| **Lab ID:** | N078819-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117B** QC Batch: **R210550** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 05:29 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 04:45 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:40:00 AM |
| **Lab ID:** | N078819-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 05:48 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251122F** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 05:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:45:00 AM |
| **Lab ID:** | N078819-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117B** QC Batch: **R210550** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 06:26 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 05:14 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:53:00 AM |
| **Lab ID:** | N078819-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251118A** QC Batch: **R210579** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 5.4 | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 03:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 5.0 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 03:00 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:54:00 AM |
| **Lab ID:** | N078819-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 240 | 0.77 | 4.0 | | µg/L | 20 | 11/18/2025 01:18 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123B** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 250 | 0.63 | 5.0 | | µg/L | 5 | 11/23/2025 03:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-912-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:04:00 AM |
| **Lab ID:** | N078819-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 130 | 0.77 | 4.0 | | µg/L | 20 | 11/18/2025 01:37 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251122F** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 110 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 05:26 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-EB-Q424 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:49:00 PM |
| **Lab ID:** | N078819-019 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 06:45 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:06:00 PM |
| **Lab ID:** | N078819-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251117B** QC Batch: **R210550** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 02:39 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251122F** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 05:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:46:00 PM |
| **Lab ID:** | N078819-021 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 02:58 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251122F** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Chromium | 1.4 | 0.13 | 1.0 | | µg/L | 1 | 11/23/2025 05:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-710-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 2:32:00 PM |
| **Lab ID:** | N078819-022 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 03:17 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210549 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199459 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210549 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199460 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.680 | 0.039 | 0.20 | 5.000 | 0 | 93.6 | 90 | 110 | | | | | |

| Sample ID | N078800-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199462 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 73.462 | 0.39 | 2.0 | 50.00 | 25.30 | 96.3 | 90 | 110 | | | | | |

| Sample ID | N078800-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199463 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 71.093 | 0.39 | 2.0 | 50.00 | 25.30 | 91.6 | 90 | 110 | 73.46 | 3.28 | 20 | | |

| Sample ID | N078819-008ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199465 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1216.340 | 7.7 | 40 | | | | | | 1216 | 0.0263 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199466**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2186.700 | 7.7 | 40 | 1000 | 1216 | 97.1 | 90 | 110 | | | | |

Sample ID **N078800-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199470**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.053 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID **N078800-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199472**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.058 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID **N078819-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199474**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.193 | 0.039 | 0.20 | 1.000 | 0.1083 | 109 | 90 | 110 | | | | |

Sample ID **N078819-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199476**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 36.842 | 0.19 | 1.0 | 25.00 | 11.45 | 102 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199478**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 495.990 | 1.9 | 10 | 250.0 | 244.0 | 101 | 90 | 110 | | | | |

Sample ID **N078819-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199482**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1995.240 | 7.7 | 40 | 1000 | 986.2 | 101 | 90 | 110 | | | | |

Sample ID **N078800-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199483**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.972 | 0.039 | 0.20 | 1.000 | 0 | 97.2 | 90 | 110 | | | | |

Sample ID **N078819-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199486**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.951 | 0.039 | 0.20 | 1.000 | 0 | 95.1 | 90 | 110 | | | | |

Sample ID **N078819-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199490**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.231 | 0.039 | 0.20 | 1.000 | 0.2327 | 99.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199492**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID **N078800-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199494**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.120 | 0.039 | 0.20 | 1.000 | 0.1208 | 99.9 | 90 | 110 | | | | |

Sample ID **N078800-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199496**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.126 | 0.039 | 0.20 | 1.000 | 0.08270 | 104 | 90 | 110 | | | | |

Sample ID **N078819-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199498**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.134 | 0.039 | 0.20 | 1.000 | 0.09030 | 104 | 90 | 110 | | | | |

Sample ID **N078819-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210549**
Client ID: **ZZZZZZ** Batch ID: **R210549** TestNo: **EPA 218.6** Analysis Date: **11/17/2025** SeqNo: **7199502**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.112 | 0.039 | 0.20 | 1.000 | 0.08370 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078800-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199504 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.922 | 0.039 | 0.20 | 1.000 | 0 | 92.2 | 90 | 110 | | | | |

| Sample ID | N078800-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210549 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210549 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199506 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.474 | 0.19 | 1.0 | 5.000 | 0 | 109 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | LCS-R210550 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199574 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.892 | 0.039 | 0.20 | 5.000 | 0 | 97.8 | 90 | 110 | | | | | |

| Sample ID | MB-R210550 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199577 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | N078880-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199579 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 115.886 | 0.77 | 4.0 | | | | | | 115.1 | 0.686 | 20 | | |

| Sample ID | N078880-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199580 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 220.416 | 0.77 | 4.0 | 100.0 | 115.1 | 105 | 90 | 110 | | | | | |

| Sample ID | N078880-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7199581 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 220.728 | 0.77 | 4.0 | 100.0 | 115.1 | 106 | 90 | 110 | 220.4 | 0.141 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-020AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199599**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.136 | 0.039 | 0.20 | 1.000 | 0.08880 | 105 | 90 | 110 | | | | |

Sample ID **N078819-021AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199601**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.200 | 0.039 | 0.20 | 1.000 | 0.1426 | 106 | 90 | 110 | | | | |

Sample ID **N078819-022AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199603**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.080 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078880-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199605**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.601 | 0.19 | 1.0 | 5.000 | 0 | 92.0 | 90 | 110 | | | | |

Sample ID **N078880-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199609**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.196 | 0.19 | 1.0 | 25.00 | 14.62 | 94.3 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078880-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199611**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.460 | 0.039 | 0.20 | 1.000 | 0.4388 | 102 | 90 | 110 | | | | |

Sample ID **N078880-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199613**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.930 | 0.039 | 0.20 | 1.000 | 0 | 93.0 | 90 | 110 | | | | |

Sample ID **N078819-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199615**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.182 | 0.039 | 0.20 | 1.000 | 0.1698 | 101 | 90 | 110 | | | | |

Sample ID **N078819-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199617**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.140 | 0.039 | 0.20 | 1.000 | 0.1546 | 98.6 | 90 | 110 | | | | |

Sample ID **N078819-015AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199621**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.134 | 0.039 | 0.20 | 1.000 | 0.1771 | 95.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-019AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210550 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7199623 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.119 | 0.039 | 0.20 | 1.000 | 0.1904 | 92.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210579 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200635 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210579 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200636 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.872 | 0.039 | 0.20 | 5.000 | 0 | 97.4 | 90 | 110 | | | | | |

| Sample ID | N078880-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200638 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 516.170 | 1.9 | 10 | 250.0 | 274.3 | 96.8 | 90 | 110 | | | | | |

| Sample ID | N078880-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200640 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1131.960 | 3.9 | 20 | 500.0 | 646.6 | 97.1 | 90 | 110 | | | | | |

| Sample ID | N078819-017AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200644 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 348.812 | 0.77 | 4.0 | 100.0 | 244.4 | 104 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200646 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 221.120 | 0.77 | 4.0 | 100.0 | 126.4 | 94.8 | 90 | 110 | | | | | |

| Sample ID | N079007-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200650 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.995 | 0.039 | 0.20 | 1.000 | 0 | 99.5 | 90 | 110 | | | | | |

| Sample ID | N079008-001CDUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200651 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.126 | 0.039 | 0.20 | | | | | | 4.989 | 2.70 | 20 | | |

| Sample ID | N079008-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200654 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 9.895 | 0.039 | 0.20 | 5.000 | 4.989 | 98.1 | 90 | 110 | | | | | |

| Sample ID | N078819-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200656 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 10.168 | 0.039 | 0.20 | 5.000 | 5.438 | 94.6 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-016AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200657**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 10.216 | 0.039 | 0.20 | 5.000 | 5.438 | 95.6 | 90 | 110 | 10.17 | 0.462 | 20 | |

Sample ID **N079007-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200658**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.066 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID **N078916-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200660**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 368.655 | 1.9 | 10 | 250.0 | 132.1 | 94.6 | 90 | 110 | | | | |

Sample ID **N078916-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200662**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.09520 | 101 | 90 | 110 | | | | |

Sample ID **N078916-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200666**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.951 | 0.039 | 0.20 | 1.000 | 0 | 95.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202706**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 36.482 | 0.19 | 1.0 | 25.00 | 11.25 | 101 | 90 | 110 | | | | |

Sample ID **N078916-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202710**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.905 | 0.039 | 0.20 | 1.000 | 0 | 90.5 | 90 | 110 | | | | |

Sample ID **N078916-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202712**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID **N078880-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202716**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.715 | 0.19 | 1.0 | 5.000 | 1.392 | 106 | 90 | 110 | | | | |

Sample ID **N078880-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202718**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 12.836 | 0.19 | 1.0 | 5.000 | 7.834 | 100 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7202722**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7.267 | 0.19 | 1.0 | 5.000 | 2.011 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125148 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/12/2025 | RunNo: | 210853 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7217485 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125148 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/12/2025 | RunNo: | 210853 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7217486 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.477 | 0.13 | 1.0 | 10.00 | 0 | 94.8 | 85 | 115 | | | | |

| Sample ID | N078819-016CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/12/2025 | RunNo: | 210853 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7217490 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 14.012 | 0.13 | 1.0 | 10.00 | 5.046 | 89.7 | 75 | 125 | | | | |

| Sample ID | N078819-016CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/12/2025 | RunNo: | 210853 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7217491 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 14.225 | 0.13 | 1.0 | 10.00 | 5.046 | 91.8 | 75 | 125 | 14.01 | 1.51 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

ASSET Laboratories

**Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N078819-016C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **210853**
Client ID: **ZZZZZZ** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7217489**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 14.372 | 0.13 | 1.0 | 10.00 | 5.046 | 93.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078819
Test Method: EPA 6020
Analysis Date: 11/22,23/2025

Matrix: Groundwater
Batch No.: 125148

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078819-016C DT 5x | Molybdenum | Mo | µg/L | 18.53061 | PASS | 18.27938 | 1.37% | 10 |
| N078819-016C DT 5x | Arsenic | As | µg/L | 0.9808029 | NA | 0.8852434 | 10.79% | 10 |
| N078819-016C DT 5x | Barium | Ba | µg/L | 26.31595 | NA | 23.23084 | 13.28% | 10 |
| N078819-016C DT 5x | Manganese | Mn | µg/L | 3.67697 | NA | 3.159028 | 16.40% | 10 |
| N078819-016C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.6159833 | 100.00% | 10 |
| N078819-016C DT 5x | Chromium | Cr | µg/L | 5.691864 | NA | 5.046182 | 12.80% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TW-02D-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 9:37:00 AM
**Lab ID:** N078819-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 11/17/2025 03:53 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 10:17 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TW-02S-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 8:58:00 AM
**Lab ID:** N078819-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 11/17/2025 04:10 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 10:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:04:00 AM |
| **Lab ID:** | N078819-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 11/17/2025 04:26 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 10:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:21:00 AM |
| **Lab ID:** | N078819-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** PrepDate: Analyst: **ERP** | | | | | | | |
| Sulfate | 220 | 17 | 25 | | mg/L | 50 | 11/17/2025 04:42 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** PrepDate: Analyst: **ERP** | | | | | | | |
| Nitrate as N | 0.30 | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 11:06 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-909-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:31:00 AM |
| **Lab ID:** | N078819-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 220 | 17 | 25 | | mg/L | 50 | 11/17/2025 04:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/12/2025 11:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:44:00 AM |
| **Lab ID:** | N078819-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 370 | 34 | 50 | | mg/L | 100 | 11/17/2025 06:04 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 11/12/2025 11:56 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-20-070-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 12:09:00 PM
**Lab ID:** N078819-007
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 230 | 17 | 25 | | mg/L | 50 | 11/17/2025 06:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 6.9 | 0.24 | 0.50 | | mg/L | 10 | 11/12/2025 12:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:17:00 PM |
| **Lab ID:** | N078819-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 400 | 34 | 50 | | mg/L | 100 | 11/17/2025 07:10 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 4.6 | 0.24 | 0.50 | | mg/L | 10 | 11/12/2025 01:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-20-130-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 12:43:00 PM
**Lab ID:** N078819-009
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 500 | 34 | 50 | | mg/L | 100 | 11/17/2025 02:14 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 2.6 | 0.24 | 0.50 | | mg/L | 10 | 11/12/2025 01:18 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:20:00 PM |
| **Lab ID:** | N078819-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 11/12/2025 01:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:11:00 AM |
| **Lab ID:** | N078819-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 01:51 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:40:00 AM |
| **Lab ID:** | N078819-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 02:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:45:00 AM |
| **Lab ID:** | N078819-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 300 | 17 | 25 | | mg/L | 50 | 11/17/2025 02:30 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 02:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:53:00 AM |
| **Lab ID:** | N078819-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 520 | 34 | 50 | | mg/L | 100 | 11/17/2025 02:47 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.85 | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 02:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-39-100-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 8:54:00 AM
**Lab ID:** N078819-017
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** | QC Batch: **R210510** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 1000 | 69 | 100 | | mg/L | 200 | 11/17/2025 07:27 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 04:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-912-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 9:04:00 AM
**Lab ID:** N078819-018
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251117A** QC Batch: **R210510** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 980 | 69 | 100 | | mg/L | 200 | 11/17/2025 07:43 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** QC Batch: **R210278** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 04:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:06:00 PM |
| **Lab ID:** | N078819-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 11/12/2025 04:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:46:00 PM |
| **Lab ID:** | N078819-021 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251112A** | QC Batch: **R210278** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/12/2025 05:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210510_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210510 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210510 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7198094 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R210510_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210510 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210510 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7198095 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.968 | 0.34 | 0.50 | 4.000 | 0 | 99.2 | 90 | 110 | | | | | |

| Sample ID | N078819-016BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210510 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210510 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7198102 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 907.710 | 34 | 50 | 400.0 | 522.2 | 96.4 | 80 | 120 | | | | | |

| Sample ID | N078819-005BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210510 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210510 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7198110 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 220.140 | 17 | 25 | | | | | | 219.1 | 0.474 | 20 | | |

| Sample ID | N078819-005BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 210510 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210510 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | | SeqNo: | 7198111 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 414.375 | 17 | 25 | 200.0 | 219.1 | 97.6 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID **N078819-005BMSD** SampType: **MSD** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **210510**
Client ID: **ZZZZZZ** Batch ID: **R210510** TestNo: **EPA 300.0** Analysis Date: **11/17/2025** SeqNo: **7198112**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 414.570 | 17 | 25 | 200.0 | 219.1 | 97.7 | 80 | 120 | 414.4 | 0.0470 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210278_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210278 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | | SeqNo: | 7181265 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R210278_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210278 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | | SeqNo: | 7181266 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.275 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N078819-005BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210278 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | | SeqNo: | 7181272 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 13.368 | 0.24 | 0.50 | 12.50 | 0.4100 | 104 | 80 | 120 | | | | | |

| Sample ID | N078819-016BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210278 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | | SeqNo: | 7181284 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 0.794 | 0.12 | 0.25 | | | | | | 0.8455 | 6.28 | 20 | | |

| Sample ID | N078819-016BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210278 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | | SeqNo: | 7181285 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 7.071 | 0.12 | 0.25 | 6.250 | 0.8455 | 99.6 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N078819-016BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210278 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | SeqNo: | 7181288 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 7.096 | 0.12 | 0.25 | 6.250 | 0.8455 | 100 | 80 | 120 | 7.071 | 0.353 | 20 | |

| Sample ID | N078819-007BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210278 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210278 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/12/2025 | SeqNo: | 7181300 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 19.387 | 0.24 | 0.50 | 12.50 | 6.915 | 99.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:37:00 AM |
| **Lab ID:** | N078819-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 06:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:58:00 AM |
| **Lab ID:** | N078819-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 06:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:04:00 AM |
| **Lab ID:** | N078819-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 07:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:21:00 AM |
| **Lab ID:** | N078819-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.7 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 07:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-909-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:31:00 AM |
| **Lab ID:** | N078819-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.6 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 07:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:44:00 AM |
| **Lab ID:** | N078819-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 07:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:09:00 PM |
| **Lab ID:** | N078819-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 07:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:17:00 PM |
| **Lab ID:** | N078819-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.5 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 08:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:43:00 PM |
| **Lab ID:** | N078819-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 08:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:20:00 PM |
| **Lab ID:** | N078819-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.3 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 08:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:11:00 AM |
| **Lab ID:** | N078819-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.1 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 07:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:40:00 AM |
| **Lab ID:** | N078819-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 09:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:45:00 AM |
| **Lab ID:** | N078819-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251113A** | QC Batch: **125186** | | | PrepDate: | **11/13/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 11/13/2025 09:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:53:00 AM |
| **Lab ID:** | N078819-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.3 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 07:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:54:00 AM |
| **Lab ID:** | N078819-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 2.0 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 07:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-912-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:04:00 AM |
| **Lab ID:** | N078819-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.4 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 08:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:06:00 PM |
| **Lab ID:** | N078819-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 6.7 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 08:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:46:00 PM |
| **Lab ID:** | N078819-021 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251114A** | QC Batch: **125220** | | | PrepDate: | **11/14/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.3 | 0.090 | 1.0 | | mg/L | 1 | 11/14/2025 08:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125186** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189724** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.889 | 0.090 | 1.0 | 5.000 | 0 | 97.8 | 85 | 115 | | | | |

| Sample ID **MB-125186** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189726** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078800-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189728** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.432 | 0.090 | 1.0 | 5.000 | 0.3119 | 102 | 75 | 125 | | | | |

| Sample ID **N078800-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/13/2025** | RunNo: **210399** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125186** | TestNo: **SM 5310B** | | Analysis Date: **11/13/2025** | SeqNo: **7189729** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.783 | 0.090 | 1.0 | 5.000 | 0.3119 | 109 | 75 | 125 | 5.432 | 6.26 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125220** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196742** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.872 | 0.090 | 1.0 | 5.000 | 0 | 97.4 | 85 | 115 | | | | |

| Sample ID **MB-125220** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196743** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078819-016DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196746** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.609 | 0.090 | 1.0 | 5.000 | 1.262 | 107 | 75 | 125 | | | | |

| Sample ID **N078819-016DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196747** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.663 | 0.090 | 1.0 | 5.000 | 1.262 | 108 | 75 | 125 | 6.609 | 0.814 | 20 | |

| Sample ID **N078875-010DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196762** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.753 | 0.090 | 1.0 | 5.000 | 1.189 | 111 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **N078875-010DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196763** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.253 | 0.090 | 1.0 | 5.000 | 1.189 | 101 | 75 | 125 | 6.753 | 7.69 | 20 | |

| Sample ID **N078875-011DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196767** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.438 | 0.090 | 1.0 | 5.000 | 0.4301 | 100 | 75 | 125 | | | | |

| Sample ID **N078875-011DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/14/2025** | RunNo: **210505** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125220** | TestNo: **SM 5310B** | | Analysis Date: **11/14/2025** | SeqNo: **7196768** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.626 | 0.090 | 1.0 | 5.000 | 0.4301 | 104 | 75 | 125 | 5.438 | 3.40 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:37:00 AM |
| **Lab ID:** | N078819-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 56 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:58:00 AM |
| **Lab ID:** | N078819-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:32 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:04:00 AM |
| **Lab ID:** | N078819-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:37 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:21:00 AM |
| **Lab ID:** | N078819-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | 51 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-909-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:31:00 AM |
| **Lab ID:** | N078819-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 36 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:44:00 AM |
| **Lab ID:** | N078819-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:09:00 PM |
| **Lab ID:** | N078819-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:17:00 PM |
| **Lab ID:** | N078819-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:46 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:43:00 PM |
| **Lab ID:** | N078819-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:49 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:20:00 PM |
| **Lab ID:** | N078819-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 300 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:11:00 AM |
| **Lab ID:** | N078819-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 26 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 03:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:40:00 AM |
| **Lab ID:** | N078819-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 69 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:45:00 AM |
| **Lab ID:** | N078819-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:53:00 AM |
| **Lab ID:** | N078819-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:54:00 AM |
| **Lab ID:** | N078819-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-912-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:04:00 AM |
| **Lab ID:** | N078819-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:22 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:06:00 PM |
| **Lab ID:** | N078819-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Iron | 180 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:46:00 PM |
| **Lab ID:** | N078819-021 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251113B** | QC Batch: **125146** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Iron | 180 | 5.8 | 20 | | µg/L | 1 | 11/13/2025 04:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **MB-125146** | SampType: | **MBLK** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/12/2025** | RunNo: | **210366** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **125146** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/13/2025** | SeqNo: | **7187027** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | **LCS-125146** | SampType: | **LCS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/12/2025** | RunNo: | **210366** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **125146** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/13/2025** | SeqNo: | **7187028** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 99.480 | 5.8 | 20 | 100.0 | 0 | 99.5 | 85 | 115 | | | | |

| Sample ID | **N078754-001DMS** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/12/2025** | RunNo: | **210366** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125146** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/13/2025** | SeqNo: | **7187032** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 115.240 | 5.8 | 20 | 100.0 | 12.82 | 102 | 75 | 125 | | | | |

| Sample ID | **N078754-001DMSD** | SampType: | **MSD** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/12/2025** | RunNo: | **210366** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125146** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/13/2025** | SeqNo: | **7187033** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 107.810 | 5.8 | 20 | 100.0 | 12.82 | 95.0 | 75 | 125 | 115.2 | 6.66 | 20 | |

| Sample ID | **N078819-016CMS** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/12/2025** | RunNo: | **210366** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125146** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/13/2025** | SeqNo: | **7187055** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 99.580 | 5.8 | 20 | 100.0 | 0 | 99.6 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID **N078819-016CMSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210366**
Client ID: **ZZZZZZ** Batch ID: **125146** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/13/2025** SeqNo: **7187056**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 95.500 | 5.8 | 20 | 100.0 | 0 | 95.5 | 75 | 125 | 99.58 | 4.18 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | N078754-001D-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210366 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125146 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/13/2025 | SeqNo: | 7187031 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.330 | 5.8 | 20 | 100.0 | 12.82 | 93.5 | 80 | 120 | | | | |

| Sample ID | N078819-016C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210366 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125146 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/13/2025 | SeqNo: | 7187054 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 97.760 | 5.8 | 20 | 100.0 | 0 | 97.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078819 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/13/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125146 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078754-001D DT 5x | Iron | Fe | µg/L | 0 | NA | 12.82 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078819 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/13/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125146 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078819-016C DT 5x | Iron | Fe | µg/L | 0 | NA | 0 | | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:37:00 AM |
| **Lab ID:** | N078819-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Arsenic | 3.5 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 11:46 AM |
| Barium | 18 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 11:46 AM |
| Manganese | 68 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 11:46 AM |
| Molybdenum | 31 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 03:29 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 03:29 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:58:00 AM |
| **Lab ID:** | N078819-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 11:52 AM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 11:52 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 11:52 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 03:35 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 03:35 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:04:00 AM |
| **Lab ID:** | N078819-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:15 PM |
| Barium | 89 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 12:15 PM |
| Manganese | 6.7 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 12:15 PM |
| Molybdenum | 5.9 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 03:58 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 03:58 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:21:00 AM |
| **Lab ID:** | N078819-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:21 PM |
| Barium | 230 | 0.25 | 5.0 | | µg/L | 5 | 11/23/2025 02:35 PM |
| Manganese | 410 | 0.23 | 2.5 | | µg/L | 5 | 11/23/2025 02:35 PM |
| Molybdenum | 4.9 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 12:21 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-909-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:31:00 AM |
| **Lab ID:** | N078819-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:27 PM |
| Barium | 230 | 0.25 | 5.0 | | µg/L | 5 | 11/23/2025 02:41 PM |
| Manganese | 420 | 0.23 | 2.5 | | µg/L | 5 | 11/23/2025 02:41 PM |
| Molybdenum | 5.1 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:10 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:10 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:44:00 AM |
| **Lab ID:** | N078819-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 1.1 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:59 PM |
| Barium | 37 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 12:33 PM |
| Manganese | 13 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 12:33 PM |
| Molybdenum | 16 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:16 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:09:00 PM |
| **Lab ID:** | N078819-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 1.0 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:39 PM |
| Barium | 41 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 12:39 PM |
| Manganese | 1.6 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 12:39 PM |
| Molybdenum | 15 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:22 AM |
| Selenium | 4.2 | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

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# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:17:00 PM |
| **Lab ID:** | N078819-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Arsenic | 1.5 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:45 PM |
| Barium | 29 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 12:45 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 12:45 PM |
| Molybdenum | 28 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:27 AM |
| Selenium | 7.3 | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:27 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:43:00 PM |
| **Lab ID:** | N078819-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.92 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 12:50 PM |
| Barium | 37 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 12:50 PM |
| Manganese | 2.9 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 12:50 PM |
| Molybdenum | 13 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:33 AM |
| Selenium | 8.0 | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:33 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-040-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 12:20:00 PM |
| **Lab ID:** | N078819-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Arsenic | 9.2 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 03:22 PM |
| Barium | 84 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 03:22 PM |
| Manganese | 120 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 03:22 PM |
| Molybdenum | 7.9 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:39 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:39 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-050-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:11:00 AM |
| **Lab ID:** | N078819-013 | **Matrix:** | GROUNDWATER |

**DISSOLVED METALS BY ICP-MS**

**EPA 3010A** **EPA 6020**

RunID: **NV00922-ICP8_251123A** QC Batch: **125148** PrepDate: **11/12/2025** Analyst: **DJ**

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | 0.98 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 03:28 PM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 03:28 PM |
| Manganese | 610 | 0.23 | 2.5 | | µg/L | 5 | 11/23/2025 03:34 PM |
| Molybdenum | 3.7 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 04:45 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 04:45 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-060-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:40:00 AM |
| **Lab ID:** | N078819-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: | **11/12/2025** | Analyst: **DJ** |
| Arsenic | 1.2 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 03:39 PM |
| Barium | 65 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 03:39 PM |
| Manganese | 410 | 0.23 | 2.5 | | µg/L | 5 | 11/23/2025 03:45 PM |
| Molybdenum | 3.3 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 03:39 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 11:45:00 AM |
| **Lab ID:** | N078819-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.92 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 01:54 PM |
| Barium | 52 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 01:54 PM |
| Manganese | 10 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 01:54 PM |
| Molybdenum | 5.3 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 05:14 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:14 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 10:53:00 AM |
| **Lab ID:** | N078819-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.89 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:24 PM |
| Barium | 23 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 02:24 PM |
| Manganese | 3.2 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 02:24 PM |
| Molybdenum | 18 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 03:00 AM |
| Selenium | 0.62 | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 02:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 8:54:00 AM |
| **Lab ID:** | N078819-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:00 PM |
| Barium | 28 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 02:00 PM |
| Manganese | 16 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 02:00 PM |
| Molybdenum | 12 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 05:20 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:20 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-912-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 9:04:00 AM |
| **Lab ID:** | N078819-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:06 PM |
| Barium | 30 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 02:06 PM |
| Manganese | 11 | 0.046 | 0.50 | | µg/L | 1 | 11/23/2025 02:06 PM |
| Molybdenum | 9.8 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 05:26 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:26 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-30-030R-Q425 |
| **Lab Order:** | N078819 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 11/11/2025 1:06:00 PM |
| **Lab ID:** | N078819-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | | PrepDate: **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 3.1 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:12 PM |
| Barium | 200 | 0.25 | 5.0 | | µg/L | 5 | 11/23/2025 04:08 PM |
| Manganese | 150 | 0.23 | 2.5 | | µg/L | 5 | 11/23/2025 04:08 PM |
| Molybdenum | 13 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 05:32 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *02-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-30-050-Q425
**Lab Order:** N078819
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 11/11/2025 1:46:00 PM
**Lab ID:** N078819-021
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251123A** | QC Batch: **125148** | | | PrepDate: | **11/12/2025** | | Analyst: **DJ** |
| Arsenic | 1.4 | 0.067 | 0.10 | | µg/L | 1 | 11/23/2025 02:18 PM |
| Barium | 91 | 0.050 | 1.0 | | µg/L | 1 | 11/23/2025 02:18 PM |
| Manganese | 1200 | 0.46 | 5.0 | | µg/L | 10 | 11/23/2025 04:14 PM |
| Molybdenum | 6.6 | 0.063 | 0.50 | | µg/L | 1 | 11/23/2025 05:37 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/23/2025 05:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125148** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210851**
Client ID: **PBW** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7217336**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125148** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210851**
Client ID: **LCSW** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7217337**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 10.486 | 0.063 | 0.50 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Selenium | 10.427 | 0.29 | 0.50 | 10.00 | 0 | 104 | 85 | 115 | | | | |

Sample ID **N078819-016CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210851**
Client ID: **ZZZZZZ** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7217341**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 28.589 | 0.063 | 0.50 | 10.00 | 18.28 | 103 | 75 | 125 | | | | |

Sample ID **N078819-016CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210851**
Client ID: **ZZZZZZ** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7217342**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 28.823 | 0.063 | 0.50 | 10.00 | 18.28 | 105 | 75 | 125 | 28.59 | 0.816 | 20 | |

Sample ID **LCS-125148** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210871**
Client ID: **LCSW** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7218846**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.527 | 0.067 | 0.10 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Barium | 10.638 | 0.050 | 1.0 | 10.00 | 0 | 106 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **LCS-125148** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210871**
Client ID: **LCSW** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7218846**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 106.945 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |

Sample ID **N078819-016CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210871**
Client ID: **ZZZZZZ** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7218850**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 12.565 | 0.067 | 0.10 | 10.00 | 0.8852 | 117 | 75 | 125 | | | | |
| Barium | 33.681 | 0.050 | 1.0 | 10.00 | 23.23 | 105 | 75 | 125 | | | | |
| Manganese | 105.678 | 0.046 | 0.50 | 100.0 | 3.159 | 103 | 75 | 125 | | | | |
| Selenium | 11.022 | 0.29 | 0.50 | 10.00 | 0.6160 | 104 | 75 | 125 | | | | |

Sample ID **N078819-016CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210871**
Client ID: **ZZZZZZ** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7218851**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 13.666 | 0.067 | 0.10 | 10.00 | 0.8852 | 128 | 75 | 125 | 12.57 | 8.39 | 20 | S |
| Barium | 34.261 | 0.050 | 1.0 | 10.00 | 23.23 | 110 | 75 | 125 | 33.68 | 1.71 | 20 | |
| Manganese | 105.993 | 0.046 | 0.50 | 100.0 | 3.159 | 103 | 75 | 125 | 105.7 | 0.297 | 20 | |
| Selenium | 11.499 | 0.29 | 0.50 | 10.00 | 0.6160 | 109 | 75 | 125 | 11.02 | 4.24 | 20 | |

Sample ID **MB-125148** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/12/2025** RunNo: **210871**
Client ID: **PBW** Batch ID: **125148** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/23/2025** SeqNo: **7218854**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078819
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078819-016C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210851 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7217340 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 28.934 | 0.063 | 0.50 | 10.00 | 18.28 | 107 | 80 | 120 | | | | |

| Sample ID | N078819-016C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 210871 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125148 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/23/2025 | SeqNo: | 7218849 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 12.413 | 0.067 | 0.10 | 10.00 | 0.8852 | 115 | 80 | 120 | | | | |
| Barium | 34.688 | 0.050 | 1.0 | 10.00 | 23.23 | 115 | 80 | 120 | | | | |
| Manganese | 106.215 | 0.046 | 0.50 | 100.0 | 3.159 | 103 | 80 | 120 | | | | |
| Selenium | 10.938 | 0.29 | 0.50 | 10.00 | 0.6160 | 103 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078819
Test Method: EPA 6020
Analysis Date: 11/22,23/2025

Matrix: Groundwater
Batch No.: 125148

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078819-016C DT 5x | Molybdenum | Mo | µg/L | 18.53061 | PASS | 18.27938 | 1.37% | 10 |
| N078819-016C DT 5x | Arsenic | As | µg/L | 0.9808029 | NA | 0.8852434 | 10.79% | 10 |
| N078819-016C DT 5x | Barium | Ba | µg/L | 26.31595 | NA | 23.23084 | 13.28% | 10 |
| N078819-016C DT 5x | Manganese | Mn | µg/L | 3.67697 | NA | 3.159028 | 16.40% | 10 |
| N078819-016C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.6159833 | 100.00% | 10 |
| N078819-016C DT 5x | Chromium | Cr | µg/L | 5.691864 | NA | 5.046182 | 12.80% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 11/26/202 12:00 AM
FOLDER R: 11/11/2025
N078819-023A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Require |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Rissie Tep | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Others ✓ |
| Title: Field Tech | | | Specify: RWQCB |
| Signature: 11-11-25 Date: | Sampled By: Rissie Tep | | Global ID: |
| *I hereby authorize ASSET Labs to perform the tests indicated below.* | *I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for* | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-11-25 | | |
| Project Number: 30251660 | | | |

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| | | |
|---|---|---|
| RWQCB | ✓ | 1. Chilled ✓ |
| CalTrans | | 2. Headspace |
| LEVEL III | | 3. Container Intact ✓ |
| LEVEL IV | | 4. Seal Present |
| Regulatory | | 5. IR number 4 |
| Specify State: | | 6. Method of Cooling: ICE |

Sample Temp: 2.8/1.3°C

Courier: ~~SW~~ ASSET
Tracking No.: ~~6830~~ MM 11/1

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078819-001 | TW-02D-Q425 | 11/11/2025 | 9:37 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 2 | -002 | TW-02S-Q425 | 11/11/2025 | 8:58 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 3 | -003 | TW-03D-Q425 | 11/11/2025 | 10:04 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 4 | -004 | MW-31-060-Q425 | 11/11/2025 | 11:21 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 5 | -005 | MW-909-Q425 | 11/11/2025 | 11:31 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 6 | -006 | MW-31-135-Q425 | 11/11/2025 | 10:44 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 7 | -007 | MW-20-070-Q425 | 11/11/2025 | 12:09 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 8 | -008 | MW-20-100-Q425 | 11/11/2025 | 13:17 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 9 | -009 | MW-20-130-Q425 | 11/11/2025 | 12:43 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS |
| 10 | -010 | EB-709-Q425 | 11/11/2025 | 13:27 | | X | | | | | | | | | | E | 4 | P | BNS |
| 11 | -011 | MW-39-040-EB-Q424 | 11/11/2025 | 1203 | | X | | | | | | | | | | E | 1 | P | BNS |
| 12 | -012 | MW-39-040-Q425 | 11/11/2025 | 1220 | | X | | X | X | X | X | | | | | E | 1 | P | BNS |
| 13 | -013 | MW-39-050-Q425 | 11/11/2025 | 10:11 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS |
| 14 | -014 | MW-39-060-Q425 | 11/11/2025 | 9:40 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS |

Relinquished by (Signature and Printed Name): Rissie Tep Date/Time: 11-11-25 1520
Received by (Signature and Printed Name): Romeo Alcantara Date/Time: 11/11/25 1520
Relinquished by (Signature and Printed Name): Romeo Alcantara Date/Time: 11/11/25 1740
Received by (Signature and Printed Name): Romeo Alcantara Date/Time: 11/11/25 1740
Relinquished by (Signature and Printed Name): Date/Time:
Received by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com

# CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement: Excel EDD; Geotracker; Labspec; Others ✓ Specify: RWQCB; Global ID: |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | QA/QC: RTNE; RWQCB ✓; CalTrans; LEVEL III; LEVEL IV; Regulatory; Specify State: |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Rissie Tap | | Phone: 949 293-2445 Fax: | |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | |
| Signature: Date: 11-11-25 | Sampled By: Rissie Tap | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11-11-25 | | |
| Project Number: 30251660 | | | |

Sample Receipt Condition

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 2-8/1.3°C

Courier: ~~FedEx~~ ASSET

Tracking No.: ~~6890~~

Matrix: Ground X Sediment; Potable; Soil; NPDES; Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO78819 -015 | MW-39-070-Q425 | 11/11/2025 | 11:45 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS | |
| 2 | -016 | MW-39-080-Q425 | 11/11/2025 | 1053 | | X | X | X | X | X | X | | | | | E | 5 | P | BNS | MSMSD |
| 3 | -017 | MW-39-100-Q425 | 11/11/2025 | 8:54 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS | |
| 4 | -018 | MW-912-Q425 | 11/11/2025 | 9:04 | | X | X | X | X | X | X | | | | | E | 4 | P | BNS | |
| 5 | -019 | MW-30-030R-EB-Q424 | 11/11/2025 | 1299 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 6 | -020 | MW-30-030R-Q425 1306 | 11/11/2025 | 1240 1611 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS | |
| 7 | -021 | MW-30-050-Q425 | 11/11/2025 | 1346 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS | |
| 8 | -022 | EB-710-Q425 | 11/11/2025 | 1432 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Rissie Tap | 11-11-25 1520 | Romeo Alcantara | 11/11/25 1520 |
| Romeo Alcantara | 11/11/25 1740 | Romeo Alcantara | 11/11/25 1740 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/11/2025 | Workorder: | N078819 |
| Rep sample Temp (Deg C): | 2.8/1.3 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano
11/12/2025

For:

Reviewed By: MBC Ian Almario
11/24/2025

**Subject:** RE: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078819)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 11/24/2025, 11:49 AM
**To:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**CC:** Marlon Cartin <marlon@assetlaboratories.com>, "nancy@assetlaboratories.com" <nancy@assetlaboratories.com>, Ian Almario <ian.almario@assetlaboratoriesph.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>

HI,
Yes the sample ID should end in “Q424”

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**Sent:** Monday, November 24, 2025 1:34 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** Marlon Cartin <marlon@assetlaboratories.com>; nancy@assetlaboratories.com; Ian Almario <ian.almario@assetlaboratoriesph.com>; maryann.balilu@assetlaboratoriesph.com
**Subject:** Re: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078819)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Greetings and Good day to you!

We would like to request for follow-up on this.

Thanks!

Best Regards,

Vaughn

On 11/20/2025 10:18 PM, Vaughn Exequiel Mariano wrote:

> Hi Laura,
>
> Greetings and Good day to you!
>
> We just want to confirm on the sample ID for Sample 19.

COC/Label: MW-30-030R-EB-Q424
We would like to confirm if the sample ID should end in "-Q424" instead of "-Q425"

Thanks!

--
**Best Regards,**

**Vaughn Mariano**
Sample Control Officer

E-mail: vaughn@assetlaboratories.com

**ASSET Laboratories**
Northern California: 1170 National Dr., Ste 100, Sacramento, CA 95834 I M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P: 562.219.7435 I F: 562.219.7436
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 I P: 702.307.2659 Ext. 410 I F: 702.307.2691 I M: 702.439.0421

--
**Best Regards,**

**Vaughn Mariano**
Sample Control Officer

E-mail: vaughn@assetlaboratories.com

**ASSET Laboratories**
Northern California: 1170 National Dr., Ste 100, Sacramento, CA 95834 I M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P: 562.219.7435 I F: 562.219.7436
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 I P: 702.307.2659 Ext. 410 I F: 702.307.2691 I M: 702.439.0421

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# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-001A | TW-02D-Q425 | 11/11/2025 9:37:00 AM | 11/26/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-001B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-001C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-001D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-002A | TW-02S-Q425 | 11/11/2025 8:58:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-002B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-002C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-002D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-003A | TW-03D-Q425 | 11/11/2025 10:04:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-003B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-003B | TW-03D-Q425 | 11/11/2025 10:04:00 AM | 11/26/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-003C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-003D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-004A | MW-31-060-Q425 | 11/11/2025 11:21:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-004B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-004C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-004D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-005A | MW-909-Q425 | 11/11/2025 11:31:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-005B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-005C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-005C | MW-909-Q425 | 11/11/2025 11:31:00 AM | 11/26/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-005D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-006A | MW-31-135-Q425 | 11/11/2025 10:44:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-006B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-006C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-006D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-007A | MW-20-070-Q425 | 11/11/2025 12:09:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-007B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-007C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-007C | MW-20-070-Q425 | 11/11/2025 12:09:00 PM | 11/26/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-007D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-008A | MW-20-100-Q425 | 11/11/2025 1:17:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-008B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-008C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-008D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-009A | MW-20-130-Q425 | 11/11/2025 12:43:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-009B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-009C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-009D | MW-20-130-Q425 | 11/11/2025 12:43:00 PM | 11/26/2025 | Groundwater | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-010A | EB-709-Q425 | 11/11/2025 1:27:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-011A | MW-39-040-EB-Q424 | 11/11/2025 12:03:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-012A | MW-39-040-Q425 | 11/11/2025 12:20:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-012B | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-012C | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-012D | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-013A | MW-39-050-Q425 | 11/11/2025 10:11:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-013B | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-013C | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-013D | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-014A | MW-39-060-Q425 | 11/11/2025 9:40:00 AM | 11/26/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-014B | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-014C | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-014D | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-015A | MW-39-070-Q425 | 11/11/2025 11:45:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-015B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-015C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-015D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-016A | MW-39-080-Q425 | 11/11/2025 10:53:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N078819-016B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |

# WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-016C | MW-39-080-Q425 | 11/11/2025 10:53:00 AM | 11/26/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☑ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N078819-016D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☑ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☑ | ☐ | VW |
| N078819-017A | MW-39-100-Q425 | 11/11/2025 8:54:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-017B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-017C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-017D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-018A | MW-912-Q425 | 11/11/2025 9:04:00 AM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-018B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-018C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-018C | MW-912-Q425 | 11/11/2025 9:04:00 AM | 11/26/2025 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-018D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-019A | MW-30-030R-EB-Q424 | 11/11/2025 12:49:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-020A | MW-30-030R-Q425 | 11/11/2025 1:06:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-020B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-020C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078819-020D | | | 11/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-021A | MW-30-050-Q425 | 11/11/2025 1:46:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-021B | | | 11/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078819-021C | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N078819

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 11/11/2025 5:40 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078819-021D | MW-30-050-Q425 | 11/11/2025 1:46:00 PM | 11/26/2025 | Groundwater | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078819-022A | EB-710-Q425 | 11/11/2025 2:32:00 PM | 11/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078819-023A | FOLDER | 11/26/2025 | 11/26/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/26/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/26/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 05, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079757

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 15, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300:

Dilution was necessary due to precipitation of samples upon addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079785-004BMS and N079785-004BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *05-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079757
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079757-001A | MW-35-060-Q425 | Groundwater | 12/15/2025 1:49:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-001B | MW-35-060-Q425 | Groundwater | 12/15/2025 1:49:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-001C | MW-35-060-Q425 | Groundwater | 12/15/2025 1:49:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-002A | MW-35-135-Q425 | Groundwater | 12/15/2025 1:11:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-002B | MW-35-135-Q425 | Groundwater | 12/15/2025 1:11:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-002C | MW-35-135-Q425 | Groundwater | 12/15/2025 1:11:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-003A | MW-19-Q425 | Groundwater | 12/15/2025 2:41:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-003B | MW-19-Q425 | Groundwater | 12/15/2025 2:41:00 PM | 12/15/2025 | 1/5/2026 |
| N079757-004A | EB-754-Q425 | Groundwater | 12/15/2025 3:10:00 PM | 12/15/2025 | 1/5/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-060-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:49:00 PM |
| **Lab ID:** | N079757-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251216A** QC Batch: **R211939** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18 | 0.19 | 1.0 | | µg/L | 5 | 12/16/2025 12:27 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** QC Batch: **126131** | | | | PrepDate: **12/18/2025** | | | Analyst: **DJ** |
| Chromium | 17 | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 01:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-135-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:11:00 PM |
| **Lab ID:** | N079757-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251216A** QC Batch: **R211939** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 0.69 | 0.039 | 0.20 | | µg/L | 1 | 12/16/2025 05:37 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251223E** QC Batch: **126131** PrepDate: **12/18/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 01:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-19-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 2:41:00 PM |
| **Lab ID:** | N079757-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251216A** QC Batch: **R211939** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 330 | 1.9 | 10 | | µg/L | 50 | 12/16/2025 06:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251229C** QC Batch: **126131** PrepDate: **12/18/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 320 | 0.63 | 5.0 | | µg/L | 5 | 12/29/2025 01:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-754-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 3:10:00 PM |
| **Lab ID:** | N079757-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251216A** | QC Batch: **R211939** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/16/2025 06:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R211939** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211939** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211939** | TestNo: **EPA 218.6** | | Analysis Date: **12/16/2025** | SeqNo: **7291283** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R211939** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211939** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211939** | TestNo: **EPA 218.6** | | Analysis Date: **12/16/2025** | SeqNo: **7291284** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.824 | 0.039 | 0.20 | 5.000 | 0 | 96.5 | 90 | 110 | | | | |

| Sample ID: **N079717-007AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211939** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211939** | TestNo: **EPA 218.6** | | Analysis Date: **12/16/2025** | SeqNo: **7291288** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | |

| Sample ID: **N079757-002AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211939** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211939** | TestNo: **EPA 218.6** | | Analysis Date: **12/16/2025** | SeqNo: **7291296** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.628 | 0.039 | 0.20 | 1.000 | 0.6949 | 93.3 | 90 | 110 | | | | |

| Sample ID: **N079757-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211939** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211939** | TestNo: **EPA 218.6** | | Analysis Date: **12/16/2025** | SeqNo: **7291297** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 43.023 | 0.19 | 1.0 | 25.00 | 17.84 | 101 | 90 | 110 | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079757-001AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291298**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 43.719 | 0.19 | 1.0 | 25.00 | 17.84 | 104 | 90 | 110 | 43.02 | 1.61 | 20 | |

Sample ID: **N079757-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291300**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 573.865 | 1.9 | 10 | 250.0 | 325.3 | 99.4 | 90 | 110 | | | | |

Sample ID: **N079757-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291304**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.089 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID: **N079653-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291306**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.869 | 0.039 | 0.20 | 1.000 | 0.8025 | 107 | 90 | 110 | | | | |

Sample ID: **N079755-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291308**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.348 | 0.039 | 0.20 | 1.000 | 0.2524 | 110 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079755-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291310**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.1822 | 96.2 | 90 | 110 | | | | |

Sample ID: **N079756-003ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291313**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.182 | 0.039 | 0.20 | | | | | | 1.144 | 3.25 | 20 | |

Sample ID: **N079755-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291317**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.568 | 0.039 | 0.20 | 1.000 | 0.6532 | 91.5 | 90 | 110 | | | | |

Sample ID: **N079690-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291319**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.012 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

Sample ID: **N079717-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291321**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.606 | 0.19 | 1.0 | 5.000 | 0 | 92.1 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-126131** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212350** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317628** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-126131** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212350** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317629** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.344 | 0.13 | 1.0 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079785-004BMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212426** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322368** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 629.161 | 1.3 | 10 | 10.00 | 538.7 | 905 | 75 | 125 | | | | S |

| Sample ID: **N079785-004BMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212426** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322370** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 627.263 | 1.3 | 10 | 10.00 | 538.7 | 886 | 75 | 125 | 629.2 | 0.302 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212426**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322366**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 655.976 | 1.3 | 10 | 100.0 | 538.7 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079757 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/26/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126131 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 50x | Chromium | Cr | µg/L | 528.4095 | PASS | 538.6797 | 1.91% | 10 |
| N079785-004B DT 5x | Arsenic | As | µg/L | 1.415043 | NA | 1.204311 | 17.50% | 10 |
| N079785-004B DT 5x | Manganese | Mn | µg/L | 13.7617 | NA | 12.47037 | 10.36% | 10 |

01/05/2026

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-060-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:49:00 PM |
| **Lab ID:** | N079757-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251216A** | QC Batch: **R211862** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.9 | 0.24 | 0.50 | | mg/L | 10 | 12/16/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-135-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:11:00 PM |
| **Lab ID:** | N079757-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251216A** | QC Batch: **R211862** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/16/2025 11:31 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **MB-R211862_NO3** | SampType: **MBLK** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **211862** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | | | | SeqNo: **7286995** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID: **LCS-R211862_NO3** | SampType: **LCS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **211862** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | | | | SeqNo: **7286996** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 1.291 | 0.024 | 0.050 | 1.250 | 0 | 103 | 90 | 110 | | | | |

| Sample ID: **N079757-001CMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **211862** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | | | | SeqNo: **7287001** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 14.258 | 0.24 | 0.50 | 12.50 | 1.939 | 98.6 | 80 | 120 | | | | |

| Sample ID: **N079757-001CMSD** | SampType: **MSD** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **211862** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | | | | SeqNo: **7287002** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 14.417 | 0.24 | 0.50 | 12.50 | 1.939 | 99.8 | 80 | 120 | 14.26 | 1.11 | 20 | |

| Sample ID: **N079757-002CDUP** | SampType: **DUP** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **211862** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | | | | SeqNo: **7287005** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | ND | 0.24 | 0.50 | | | | | | 0 | 0 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-060-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:49:00 PM |
| **Lab ID:** | N079757-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Molybdenum | 9.4 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 01:09 PM |
| Selenium | 0.98 | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 01:09 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-35-135-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 1:11:00 PM |
| **Lab ID:** | N079757-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Molybdenum | 3.5 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 01:27 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 01:27 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-19-Q425 |
| **Lab Order:** | N079757 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/15/2025 2:41:00 PM |
| **Lab ID:** | N079757-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251228A** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Arsenic | 0.57 | 0.067 | 0.10 | | µg/L | 1 | 12/29/2025 01:53 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 04:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-126131** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **PBW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317372**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-126131** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **LCSW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317373**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 10.084 | 0.063 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Selenium | 10.605 | 0.29 | 0.50 | 10.00 | 0 | 106 | 85 | 115 | | | | |

Sample ID: **N079785-004BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317392**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.008 | 0.063 | 0.50 | 10.00 | 24.31 | 97.0 | 75 | 125 | | | | |
| Selenium | 23.617 | 0.29 | 0.50 | 10.00 | 14.26 | 93.6 | 75 | 125 | | | | |

Sample ID: **N079785-004BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317393**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.057 | 0.063 | 0.50 | 10.00 | 24.31 | 97.4 | 75 | 125 | 34.01 | 0.143 | 20 | |
| Selenium | 23.617 | 0.29 | 0.50 | 10.00 | 14.26 | 93.6 | 75 | 125 | 23.62 | 0.00189 | 20 | |

Sample ID: **MB-126131** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **PBW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322486**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-126131** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **PBW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322486**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

Sample ID: **LCS-126131** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **LCSW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322487**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.883 | 0.067 | 0.10 | 10.00 | 0 | 98.8 | 85 | 115 | | | | |
| Manganese | 97.949 | 0.046 | 0.50 | 100.0 | 0 | 97.9 | 85 | 115 | | | | |

Sample ID: **N079785-004BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322515**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.168 | 0.067 | 0.10 | 10.00 | 1.204 | 99.6 | 75 | 125 | | | | |
| Manganese | 105.910 | 0.046 | 0.50 | 100.0 | 12.47 | 93.4 | 75 | 125 | | | | |

Sample ID: **N079785-004BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322517**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.488 | 0.067 | 0.10 | 10.00 | 1.204 | 92.8 | 75 | 125 | 11.17 | 6.29 | 20 | |
| Manganese | 106.737 | 0.046 | 0.50 | 100.0 | 12.47 | 94.3 | 75 | 125 | 105.9 | 0.778 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079757
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317391**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.313 | 0.063 | 0.50 | 10.00 | 24.31 | 100 | 80 | 120 | | | | |
| Selenium | 23.452 | 0.29 | 0.50 | 10.00 | 14.26 | 92.0 | 80 | 120 | | | | |

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212430**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322513**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.589 | 0.067 | 0.10 | 10.00 | 1.204 | 93.8 | 80 | 120 | | | | |
| Manganese | 101.367 | 0.046 | 0.50 | 100.0 | 12.47 | 88.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079757 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/26/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126131 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 50x | Chromium | Cr | µg/L | 528.4095 | PASS | 538.6797 | 1.91% | 10 |
| N079785-004B DT 5x | Arsenic | As | µg/L | 1.415043 | NA | 1.204311 | 17.50% | 10 |
| N079785-004B DT 5x | Manganese | Mn | µg/L | 13.7617 | NA | 12.47037 | 10.36% | 10 |

01/05/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079757
Test Method: EPA 6020
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 126131

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 5x | Selenium | Se | µg/L | 15.35729 | PASS | 14.25682 | 7.72% | 10 |
| N079785-004B DT 5x | Molybdenum | Mo | µg/L | 24.79698 | PASS | 24.3127 | 1.99% | 10 |

01/05/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/31/202 12:00 AM
FOLDER R: 12/15/2025
N079757-005A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Riggie Tap | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | |
| Title: Field Tech | Sampled By: Riggie Tap | | |
| Signature: Date: 12-15-25 | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | Signature: Date: 12-15-25 | | |
| Project Name: PG&E Topock - PCM | | | |
| Project Number: 30251660 | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Excel EDD | | RTNE | | 1. Chilled | Y | N |
| Geotracker | | RWQCB | ✓ | 2. Headspace | | |
| Labspec | | CalTrans | | 3. Container Intact | | |
| Others | ✓ | LEVEL III | | 4. Seal Present | | |
| Specify: RWQCB | | LEVEL IV | | 5. IR number | | |
| Global ID: | | Regulatory | | 6. Method of Cooling: ICE | | |
| | | Specify State: | | Sample Temp: 1.2°C | | |

Courier: ASSET
Tracking No.:

Matrix: Ground X Sediment; Potable; Soil; NPDES; Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Total Dissolved Solids (SM2540C) (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 arsenic, manganese (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079757-001 | MW-35-060-Q425 | 12/15/2025 | 13:49 | | X | | | X | X | | | | X | | E | 3 | P | BNS | |
| 2 | -002 | MW-35-135-Q425 | 12/15/2025 | 13:11 | | X | | | X | X | | | | X | | E | 3 | P | BNS | |
| 3 | -003 | MW-19-Q425 | 12/15/2025 | 14:41 | | X | | | X | | | | | | X | E | 2 | P | BNS | |
| 4 | -004 | EB-754-Q425 | 12/15/2025 | 15:10 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Riggie Tap Date/Time: 12-15-25 15:15
Relinquished by (Signature and Printed Name): Michael Montana 2027 Date/Time: 12/15/25 1628
Relinquished by (Signature and Printed Name): Michael Montana 2027 Date/Time: 12/15/25
Relinquished by (Signature and Printed Name): Michael Montana Date/Time: 12/15/25

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/15/2025 | Workorder: | N079757 |
| Rep sample Temp (Deg C): | 1.2 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Jana Carganilla
12/16/2025

Reviewed By: MBC For: Ian Almario
12/21/2025

# ASSET Laboratories

## WORK ORDER Summary

*16-Dec-25*

**WorkOrder:** N079757

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/15/2025 8:27 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079757-001A | MW-35-060-Q425 | 12/15/2025 1:49:00 PM | 12/31/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079757-001B | | | 12/31/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079757-001C | | | 12/31/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079757-002A | MW-35-135-Q425 | 12/15/2025 1:11:00 PM | 12/31/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079757-002B | | | 12/31/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079757-002C | | | 12/31/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079757-003A | MW-19-Q425 | 12/15/2025 2:41:00 PM | 12/31/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079757-003B | | | 12/31/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/31/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079757-004A | EB-754-Q425 | 12/15/2025 3:10:00 PM | 12/31/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079757-005A | FOLDER | 12/31/2025 | 12/31/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/31/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/31/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 02, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079589

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 09, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank (MB-R211591) has detect greater than 1/2 the reporting limit for Sulfate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium and Potassium in QC samples N079785-001B-MS2 and N079785-001B-MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria except for Potassium. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Calcium in QC sample N079691-001C-MSD1 2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Manganese in QC sample N079650-001B-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post

Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) is outside recovery criteria for Molybdenum in QC sample N079650-001B-MS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *02-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079589
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079589-001A | MW-15-Q425 | Surface Water | 12/9/2025 8:15:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-001B | MW-15-Q425 | Surface Water | 12/9/2025 8:15:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-001C | MW-15-Q425 | Surface Water | 12/9/2025 8:15:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-002A | EB-740-Q425 | Surface Water | 12/9/2025 4:00:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-003A | MW-58BR-Q425 | Surface Water | 12/9/2025 12:12:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-003B | MW-58BR-Q425 | Surface Water | 12/9/2025 12:12:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-003C | MW-58BR-Q425 | Surface Water | 12/9/2025 12:12:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-004A | MW-70-105-Q425 | Surface Water | 12/9/2025 11:26:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-004B | MW-70-105-Q425 | Surface Water | 12/9/2025 11:26:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-004C | MW-70-105-Q425 | Surface Water | 12/9/2025 11:26:00 AM | 12/9/2025 | 1/2/2026 |
| N079589-005A | MW-60BR-245-Q425 | Surface Water | 12/9/2025 4:09:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-005B | MW-60BR-245-Q425 | Surface Water | 12/9/2025 4:09:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-005C | MW-60BR-245-Q425 | Surface Water | 12/9/2025 4:09:00 PM | 12/9/2025 | 1/2/2026 |
| N079589-006A | EB-741-Q425 | Surface Water | 12/9/2025 4:19:00 PM | 12/9/2025 | 1/2/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251210E** | QC Batch: **125882** | | | PrepDate: | **12/10/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 1200 | 13 | 13 | | mg/L | 1 | 12/10/2025 11:14 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-58BR-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 12:12:00 PM |
| **Lab ID:** | N079589-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251210E** | QC Batch: **125882** | | | | PrepDate: **12/10/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4800 | 50 | 50 | | mg/L | 1 | 12/10/2025 11:14 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251210E** | QC Batch: **125882** | | | PrepDate: | **12/10/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 10000 | 100 | 100 | | mg/L | 1 | 12/10/2025 11:14 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID | LCS-125882 | SampType: | LCS | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/10/2025 | RunNo: | 211808 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125882 | TestNo: | SM2540C | | | Analysis Date: | 12/10/2025 | SeqNo: | 7283355 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 976.000 | 10 | 10 | 1000 | 0 | 97.6 | 80 | 120 | | | | |

| Sample ID | MB-125882 | SampType: | MBLK | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/10/2025 | RunNo: | 211808 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125882 | TestNo: | SM2540C | | | Analysis Date: | 12/10/2025 | SeqNo: | 7283356 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID | N079589-005CDUP | SampType: | DUP | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/10/2025 | RunNo: | 211808 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125882 | TestNo: | SM2540C | | | Analysis Date: | 12/10/2025 | SeqNo: | 7283364 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 10670.000 | 100 | 100 | | | | | | 10320 | 3.33 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** QC Batch: **R211628** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 16 | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 01:15 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211F** QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Chromium | 16 | 0.13 | 1.0 | | µg/L | 1 | 12/12/2025 05:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-740-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:00:00 PM |
| **Lab ID:** | N079589-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** | QC Batch: **R211628** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 02:30 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-58BR-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 12:12:00 PM |
| **Lab ID:** | N079589-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** QC Batch: **R211628** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 30 | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 01:53 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211F** QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Chromium | 30 | 0.13 | 1.0 | | µg/L | 1 | 12/12/2025 05:40 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70-105-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 11:26:00 AM |
| **Lab ID:** | N079589-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** | QC Batch: **R211628** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 200 | 0.77 | 4.0 | | µg/L | 20 | 12/11/2025 12:37 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251212F** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Chromium | 190 | 1.3 | 10 | | µg/L | 10 | 12/13/2025 06:31 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** QC Batch: **R211628** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 51 | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 02:12 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211F** QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Chromium | 53 | 0.13 | 1.0 | | µg/L | 1 | 12/12/2025 05:52 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-741-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:19:00 PM |
| **Lab ID:** | N079589-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210B** | QC Batch: **R211628** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 02:49 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211628 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211628 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269515 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211628 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211628 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269516 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.054 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079589-004ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211628 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269518 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 204.944 | 0.77 | 4.0 | | | | | | 204.7 | 0.136 | 20 | | |

| Sample ID | N079589-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211628 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269519 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 301.888 | 0.77 | 4.0 | 100.0 | 204.7 | 97.2 | 90 | 110 | | | | | |

| Sample ID | N079589-004AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211628 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269520 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 303.206 | 0.77 | 4.0 | 100.0 | 204.7 | 98.5 | 90 | 110 | 301.9 | 0.436 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079589-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211628**
Client ID: **ZZZZZZ** Batch ID: **R211628** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7269522**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 40.733 | 0.19 | 1.0 | 25.00 | 15.55 | 101 | 90 | 110 | | | | |

Sample ID **N079589-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211628**
Client ID: **ZZZZZZ** Batch ID: **R211628** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7269526**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 55.233 | 0.19 | 1.0 | 25.00 | 30.50 | 98.9 | 90 | 110 | | | | |

Sample ID **N079589-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211628**
Client ID: **ZZZZZZ** Batch ID: **R211628** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7269528**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 77.938 | 0.19 | 1.0 | 25.00 | 51.36 | 106 | 90 | 110 | | | | |

Sample ID **N079589-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211628**
Client ID: **ZZZZZZ** Batch ID: **R211628** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7269530**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.084 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N079589-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211628**
Client ID: **ZZZZZZ** Batch ID: **R211628** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7269532**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079590-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211628 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | SeqNo: | 7269534 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.025 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

| Sample ID | N079590-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 211628 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211628 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | SeqNo: | 7269538 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.878 | 0.039 | 0.20 | 1.000 | 0.9490 | 92.9 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125924 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211721 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7275862 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125924 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211721 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7275863 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.191 | 0.13 | 1.0 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211721 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7275887 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.201 | 0.13 | 1.0 | 10.00 | 0.1619 | 100 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211721 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7275888 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.967 | 0.13 | 1.0 | 10.00 | 0.1619 | 98.1 | 75 | 125 | 10.20 | 2.32 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 211721 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7275886 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.144 | 0.13 | 1.0 | 10.00 | 0.1619 | 99.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079590 / N079588/ N079589
Test Method: EPA 6020
Analysis Date: 12/11/2025

Matrix: Groundwater
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba & Mo failed. However, PS passed criteria.
Dilution test is not applicable to As & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079650-001B DT 5x | Barium | Ba | µg/L | 112.2081 | FAIL | 90.1257 | 24.50% | 10 |
| N079650-001B DT 5x | Molybdenum | Mo | µg/L | 103.909 | FAIL | 85.74145 | 21.19% | 10 |
| N079650-001B DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1619189 | 100.00% | 10 |

12/30/2025

Note: NA - Not Applicable

12/30/25 13:24

N079590_6020_125924_DT

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213B** | QC Batch: **R211983** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 67 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-58BR-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 12:12:00 PM |
| **Lab ID:** | N079589-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213B** | QC Batch: **R211983** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 40 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213B** | QC Batch: **R211983** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 14 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID **LCS-R211983** | SampType: **LCS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211983** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211983** | TestNo: **SM 2320 B** | | Analysis Date: **12/13/2025** | | | | SeqNo: **7294016** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 93.750 | 5.0 | 5.0 | 100.0 | 0 | 93.8 | 85 | 115 | | | | |

| Sample ID **MB-R211983** | SampType: **MBLK** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211983** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211983** | TestNo: **SM 2320 B** | | Analysis Date: **12/13/2025** | | | | SeqNo: **7294017** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

| Sample ID **N079589-003BDUP** | SampType: **DUP** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211983** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211983** | TestNo: **SM 2320 B** | | Analysis Date: **12/13/2025** | | | | SeqNo: **7294020** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 41.667 | 5.0 | 5.0 | | | | | | 39.58 | 5.13 | 30 | |

| Sample ID **N079589-003BMS** | SampType: **MS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211983** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211983** | TestNo: **SM 2320 B** | | Analysis Date: **12/13/2025** | | | | SeqNo: **7294021** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 134.375 | 5.0 | 5.0 | 100.0 | 39.58 | 94.8 | 75 | 125 | | | | |

| Sample ID **N079589-003BMSD** | SampType: **MSD** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211983** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211983** | TestNo: **SM 2320 B** | | Analysis Date: **12/13/2025** | | | | SeqNo: **7294022** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 133.333 | 5.0 | 5.0 | 100.0 | 39.58 | 93.8 | 75 | 125 | 134.4 | 0.778 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/10/2025 03:54 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 450 | 29 | 50 | | mg/L | 100 | 12/10/2025 05:39 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.16 | 0.50 | | mg/L | 5 | 12/10/2025 03:54 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 160 | 6.9 | 10 | | mg/L | 20 | 12/10/2025 04:17 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.2 | 0.12 | 0.25 | | mg/L | 5 | 12/10/2025 03:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-58BR-Q425
**Lab Order:** N079589
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/9/2025 12:12:00 PM
**Lab ID:** N079589-003
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/10/2025 10:58 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2300 | 290 | 500 | | mg/L | 1000 | 12/10/2025 06:28 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.0 | 0.32 | 1.0 | | mg/L | 10 | 12/10/2025 10:58 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 470 | 17 | 25 | | mg/L | 50 | 12/10/2025 04:33 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.2 | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 10:58 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70-105-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 11:26:00 AM |
| **Lab ID:** | N079589-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.5 | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 11:31 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/10/2025 11:15 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 5400 | 580 | 1000 | | mg/L | 2000 | 12/10/2025 07:01 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 4.9 | 0.16 | 0.50 | | mg/L | 5 | 12/10/2025 11:15 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 740 | 34 | 50 | | mg/L | 100 | 12/10/2025 04:50 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 12/10/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID | MB-R211589_BR | SampType: | MBLK | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267155 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R211589_BR | SampType: | LCS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267156 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.267 | 0.036 | 0.50 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N079589-003BDUP | SampType: | DUP | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267164 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 0.441 | 0.36 | 5.0 | | | | | | 0.3700 | 0 | 20 | |

| Sample ID | N079589-003BMS | SampType: | MS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267165 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 13.427 | 0.36 | 5.0 | 12.50 | 0.3700 | 104 | 80 | 120 | | | | |

| Sample ID | N079589-003BMSD | SampType: | MSD | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267166 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 13.634 | 0.36 | 5.0 | 12.50 | 0.3700 | 106 | 80 | 120 | 13.43 | 1.53 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | MB-R211591_CL | SampType: | MBLK | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267449 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R211591_CL | SampType: | LCS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267450 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1.907 | 0.29 | 0.50 | 2.000 | 0 | 95.3 | 90 | 110 | | | | |

| Sample ID | N079589-001CMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267456 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 646.640 | 29 | 50 | 200.0 | 446.5 | 100 | 80 | 120 | | | | |

| Sample ID | N079589-001CMSD | SampType: | MSD | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267457 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 640.030 | 29 | 50 | 200.0 | 446.5 | 96.7 | 80 | 120 | 646.6 | 1.03 | 20 | |

| Sample ID | N079589-003BDUP | SampType: | DUP | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267459 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2284.400 | 290 | 500 | | | | | | 2303 | 0.798 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID | MB-R211589_F | SampType: | MBLK | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267137 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | |

| Sample ID | LCS-R211589_F | SampType: | LCS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267138 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.261 | 0.032 | 0.10 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N079589-003BDUP | SampType: | DUP | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267146 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 2.078 | 0.32 | 1.0 | | | | | | 1.957 | 6.00 | 20 | |

| Sample ID | N079589-003BMS | SampType: | MS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267147 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 13.224 | 0.32 | 1.0 | 12.50 | 1.957 | 90.1 | 80 | 120 | | | | |

| Sample ID | N079589-003BMSD | SampType: | MSD | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267148 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 13.270 | 0.32 | 1.0 | 12.50 | 1.957 | 90.5 | 80 | 120 | 13.22 | 0.347 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211591_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267467 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 0.355 | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R211591_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267468 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 4.046 | 0.34 | 0.50 | 4.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N079588-005BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267470 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 458.510 | 17 | 25 | 200.0 | 272.8 | 92.9 | 80 | 120 | | | | |

| Sample ID | N079588-005BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267471 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 457.060 | 17 | 25 | 200.0 | 272.8 | 92.1 | 80 | 120 | 458.5 | 0.317 | 20 | |

| Sample ID | N079588-003BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267473 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 352.055 | 17 | 25 | | | | | | 348.5 | 1.02 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N079588-003BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267474 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 539.325 | 17 | 25 | 200.0 | 348.5 | 95.4 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211589_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267173 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211589_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267174 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.265 | 0.024 | 0.050 | 1.250 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079588-001BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267179 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.522 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | | | | | |

| Sample ID | N079588-001BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267180 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.509 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | 12.52 | 0.104 | 20 | | |

| Sample ID | N079589-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267196 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 19.257 | 0.24 | 0.50 | 12.50 | 6.539 | 102 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079589-003BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267197 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.199 | 0.24 | 0.50 | | | | | | 1.191 | 0.669 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:00 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221I** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Boron | 0.27 | 0.052 | 0.10 | | mg/L | 1 | 12/21/2025 10:00 PM |
| Calcium | 130 | 0.068 | 0.50 | | mg/L | 1 | 12/21/2025 10:00 PM |
| Magnesium | 34 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 10:00 PM |
| Potassium | 12 | 0.45 | 2.5 | | mg/L | 5 | 12/23/2025 04:27 PM |
| Sodium | 270 | 2.8 | 12 | | mg/L | 25 | 12/23/2025 04:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-58BR-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 12:12:00 PM |
| **Lab ID:** | N079589-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Iron | 24 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:02 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221I** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Calcium | 550 | 0.34 | 2.5 | | mg/L | 5 | 12/21/2025 11:22 PM |
| Magnesium | 30 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 10:02 PM |
| Potassium | 35 | 0.45 | 2.5 | | mg/L | 5 | 12/23/2025 04:30 PM |
| Sodium | 1400 | 14 | 62 | | mg/L | 125 | 12/23/2025 05:00 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Iron | 96 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:04 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221I** | QC Batch: **126130** | | | | PrepDate: **12/18/2025** | | Analyst: **DJ** |
| Calcium | 330 | 0.068 | 0.50 | | mg/L | 1 | 12/21/2025 10:04 PM |
| Magnesium | 3.7 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 10:04 PM |
| Potassium | 80 | 0.45 | 2.5 | | mg/L | 5 | 12/23/2025 04:32 PM |
| Sodium | 3200 | 57 | 250 | | mg/L | 500 | 12/23/2025 05:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-126130 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212190 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309927 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS1-126130 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212190 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309928 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 100.300 | 5.8 | 20 | 100.0 | 0 | 100 | 85 | 115 | | | | |

| Sample ID | N079691-001C-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212190 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309935 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.710 | 5.8 | 20 | 100.0 | 13.74 | 100 | 75 | 125 | | | | |

| Sample ID | N079691-001C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212190 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309938 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.690 | 5.8 | 20 | 100.0 | 13.74 | 110 | 75 | 125 | 113.7 | 8.41 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126130 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212189 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309784 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | ND | 0.052 | 0.10 | | | | | | | | | |
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID | LCS1-126130 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212189 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309785 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.154 | 0.052 | 0.10 | 5.000 | 0 | 103 | 85 | 115 | | | | |
| Calcium | 11.314 | 0.068 | 0.50 | 10.00 | 0 | 113 | 85 | 115 | | | | |
| Magnesium | 10.854 | 0.013 | 0.10 | 10.00 | 0 | 109 | 85 | 115 | | | | |

| Sample ID | N079691-001C-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212189 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309792 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.433 | 0.052 | 0.10 | 5.000 | 0.9571 | 89.5 | 75 | 125 | | | | |
| Calcium | 212.670 | 0.068 | 0.50 | 10.00 | 200.8 | 118 | 75 | 125 | | | | |
| Magnesium | 47.326 | 0.013 | 0.10 | 10.00 | 36.89 | 104 | 75 | 125 | | | | |

| Sample ID | N079691-001C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212189 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309795 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.525 | 0.052 | 0.10 | 5.000 | 0.9571 | 91.3 | 75 | 125 | 5.433 | 1.68 | 20 | |
| Calcium | 216.220 | 0.068 | 0.50 | 10.00 | 200.8 | 154 | 75 | 125 | 212.7 | 1.66 | 20 | S |
| Magnesium | 47.904 | 0.013 | 0.10 | 10.00 | 36.89 | 110 | 75 | 125 | 47.33 | 1.21 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126130 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/23/2025 | SeqNo: | 7313706 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID | LCS2-126130 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/23/2025 | SeqNo: | 7313707 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 9.289 | 0.089 | 0.50 | 10.00 | 0 | 92.9 | 85 | 115 | | | | |
| Sodium | 9.504 | 0.11 | 0.50 | 10.00 | 0 | 95.0 | 85 | 115 | | | | |

| Sample ID | N079785-001B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/23/2025 | SeqNo: | 7313728 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2497.605 | 57 | 250 | 10.00 | 2253 | 2440 | 75 | 125 | | | | S |

| Sample ID | N079785-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/23/2025 | SeqNo: | 7313730 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2478.869 | 57 | 250 | 10.00 | 2253 | 2250 | 75 | 125 | 2498 | 0.753 | 20 | S |

| Sample ID | N079785-001B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324061 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 56.610 | 0.89 | 5.0 | 10.00 | 43.01 | 136 | 75 | 125 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079785-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/18/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324062 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 58.987 | 0.89 | 5.0 | 10.00 | 43.01 | 160 | 75 | 125 | 56.61 | 4.11 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079691-001C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **212190** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309934** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.200 | 5.8 | 20 | 100.0 | 13.74 | 88.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079691-001C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212189 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/21/2025 | SeqNo: | 7309791 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.649 | 0.052 | 0.10 | 5.000 | 0.9571 | 93.8 | 80 | 120 | | | | |
| Calcium | 210.547 | 0.068 | 0.50 | 10.00 | 200.8 | 97.1 | 80 | 120 | | | | |
| Magnesium | 47.014 | 0.013 | 0.10 | 10.00 | 36.89 | 101 | 80 | 120 | | | | |

| Sample ID | N079785-001B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/23/2025 | SeqNo: | 7313724 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 6461.281 | 57 | 250 | 5000 | 2253 | 84.2 | 80 | 120 | | | | |

| Sample ID | N079785-001B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126130 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324060 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 177.019 | 0.89 | 5.0 | 100.0 | 43.01 | 134 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079589
Test Method: EPA 6010B
Analysis Date: 12/21/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 13.74 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079589 |
| Test Method: | EPA 6010B |
| Analysis Date: | 12/21/2025 |
| Matrix: | Surface Water |
| Batch No.: | 126130 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to B. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Boron | B | mg/L | 1.17305 | NA | 0.95714 | 22.56% | 10 |

01/02/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079589 |
| Test Method: | EPA 6010B |
| Analysis Date: | 12/21/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126130 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ca & Mg failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Calcium | Ca | mg/L | 262.9083 | FAIL | 200.8414 | 30.90% | 10 |
| N079691-001C DT 5x | Magnesium | Mg | mg/L | 46.08835 | FAIL | 36.89468 | 24.92% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079589 / N079785
Test Method: EPA 6010B
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-001B DT 2500x | Sodium | Na | mg/L | 2302.089 | PASS | 2253.434 | 2.16% | 10 |

12/30/2025

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

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NV Cert CA01638

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079589
Test Method: EPA 6010B
Analysis Date: 12/28/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for K failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-001B DT 50x | Potassium | K | mg/L | 34.64954 | FAIL | 43.00661 | 19.43% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-15-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 8:15:00 AM |
| **Lab ID:** | N079589-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 0.85 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:34 AM |
| Barium | 66 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 05:34 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 05:34 AM |
| Zinc | ND | 0.75 | 10 | | µg/L | 1 | 12/13/2025 06:26 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-58BR-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 12:12:00 PM |
| **Lab ID:** | N079589-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: **12/11/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:40 AM |
| Manganese | 26 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 05:40 AM |
| Molybdenum | 26 | 0.063 | 0.50 | | µg/L | 1 | 12/12/2025 05:40 AM |
| Selenium | 2.6 | 0.29 | 0.50 | | µg/L | 1 | 12/12/2025 05:40 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70-105-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 11:26:00 AM |
| **Lab ID:** | N079589-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 3.2 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:46 AM |
| Manganese | 3.4 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 05:46 AM |
| Molybdenum | 42 | 0.063 | 0.50 | | µg/L | 1 | 12/12/2025 05:46 AM |
| Selenium | 6.3 | 0.29 | 0.50 | | µg/L | 1 | 12/12/2025 05:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60BR-245-Q425 |
| **Lab Order:** | N079589 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/9/2025 4:09:00 PM |
| **Lab ID:** | N079589-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: **12/11/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:52 AM |
| Manganese | 3.8 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 05:52 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125924** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/11/2025** RunNo: **211722**
Client ID: **PBW** Batch ID: **125924** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/12/2025** SeqNo: **7276018**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125924** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/11/2025** RunNo: **211722**
Client ID: **LCSW** Batch ID: **125924** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/12/2025** SeqNo: **7276019**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.320 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Barium | 10.912 | 0.050 | 1.0 | 10.00 | 0 | 109 | 85 | 115 | | | | |
| Manganese | 101.642 | 0.046 | 0.50 | 100.0 | 0 | 102 | 85 | 115 | | | | |
| Molybdenum | 10.434 | 0.063 | 0.50 | 10.00 | 0 | 104 | 85 | 115 | | | | |
| Selenium | 9.785 | 0.29 | 0.50 | 10.00 | 0 | 97.9 | 85 | 115 | | | | |

Sample ID **N079650-001B-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/11/2025** RunNo: **211722**
Client ID: **ZZZZZZ** Batch ID: **125924** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/12/2025** SeqNo: **7276043**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.905 | 0.067 | 0.10 | 10.00 | 0 | 99.0 | 75 | 125 | | | | |
| Barium | 100.548 | 0.050 | 1.0 | 10.00 | 90.13 | 104 | 75 | 125 | | | | |
| Molybdenum | 98.325 | 0.063 | 0.50 | 10.00 | 85.74 | 126 | 75 | 125 | | | | S |

Sample ID **N079650-001B-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/11/2025** RunNo: **211722**
Client ID: **ZZZZZZ** Batch ID: **125924** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/12/2025** SeqNo: **7276044**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276044 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.247 | 0.067 | 0.10 | 10.00 | 0 | 102 | 75 | 125 | 9.905 | 3.39 | 20 | |
| Barium | 100.553 | 0.050 | 1.0 | 10.00 | 90.13 | 104 | 75 | 125 | 100.5 | 0.00447 | 20 | |
| Molybdenum | 98.178 | 0.063 | 0.50 | 10.00 | 85.74 | 124 | 75 | 125 | 98.32 | 0.149 | 20 | |

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276306 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 379.656 | 0.46 | 5.0 | 100.0 | 268.4 | 111 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276307 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 445.052 | 0.46 | 5.0 | 100.0 | 268.4 | 177 | 75 | 125 | 379.7 | 15.9 | 20 | S |

| Sample ID | MB-125924 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211756 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/13/2025 | SeqNo: | 7279694 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | ND | 0.75 | 10 | | | | | | | | | |

| Sample ID | LCS-125924 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211756 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/13/2025 | SeqNo: | 7279695 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | 99.382 | 0.75 | 10 | 100.0 | 0 | 99.4 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211756 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/13/2025 | SeqNo: | 7279711 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | 98.657 | 0.75 | 10 | 100.0 | 7.296 | 91.4 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211756 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/13/2025 | SeqNo: | 7279712 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | 97.528 | 0.75 | 10 | 100.0 | 7.296 | 90.2 | 75 | 125 | 98.66 | 1.15 | 20 | |

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7328928 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 10.719 | 0.29 | 0.50 | 10.00 | 0.7162 | 100 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7328929 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 10.274 | 0.29 | 0.50 | 10.00 | 0.7162 | 95.6 | 75 | 125 | 10.72 | 4.23 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079589
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276042 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.994 | 0.067 | 0.10 | 10.00 | 0 | 99.9 | 80 | 120 | | | | |
| Barium | 104.022 | 0.050 | 1.0 | 10.00 | 90.13 | 139 | 80 | 120 | | | | S |
| Molybdenum | 102.203 | 0.063 | 0.50 | 10.00 | 85.74 | 165 | 80 | 120 | | | | S |

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276305 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1280.027 | 0.46 | 5.0 | 1000 | 268.4 | 101 | 80 | 120 | | | | |

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211756 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/13/2025 | SeqNo: | 7279710 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | 100.842 | 0.75 | 10 | 100.0 | 7.296 | 93.5 | 80 | 120 | | | | |

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7328927 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 10.394 | 0.29 | 0.50 | 10.00 | 0.7162 | 96.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079590 / N079588/ N079589
Test Method: EPA 6020
Analysis Date: 12/11/2025

Matrix: Groundwater
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba & Mo failed. However, PS passed criteria.
Dilution test is not applicable to As & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079650-001B DT 5x | Barium | Ba | µg/L | 112.2081 | FAIL | 90.1257 | 24.50% | 10 |
| N079650-001B DT 5x | Molybdenum | Mo | µg/L | 103.909 | FAIL | 85.74145 | 21.19% | 10 |
| N079650-001B DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1619189 | 100.00% | 10 |

12/30/2025

Note: NA - Not Applicable

12/30/25 13:24

N079590_6020_125924_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079650 / N079588 / N079589
Test Method: EPA 6020
Analysis Date: 12/12/2025

Matrix: Groundwater
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 50x | Manganese | Mn | µg/L | 284.3398 | PASS | 268.3747 | 5.95% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079589
Test Method: EPA 6020
Analysis Date: 12/12/2025

Matrix: Surface Water
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Zn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 5x | Zinc | Zn | µg/L | 7.57863 | NA | 7.296095 | 3.87% | 10 |

01/02/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079589 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/11/2026 |
| Matrix: | Surface Water |
| Batch No.: | 125924 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 5x | Selenium | Se | µg/L | 0 | NA | 0.7161869 | 100.00% | 10 |

01/02/2026

Note: NA - Not Applicable

ARCUS02 C: 12/24/202 12:00 AM
FOLDER R: 12/9/2025
N079589-007A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | |

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/9/2025 | Workorder: | N079589 |
| Rep sample Temp (Deg C): | 1.2 / 0.8 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

FOR

Checklist Completed By: VM Marcus C

12/10/2025

Reviewed By: MBC For: Ian Almario

12/17/2025

# ASSET Laboratories

## WORK ORDER Summary

*10-Dec-25*

**WorkOrder:** N079589

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079589-001A | MW-15-Q425 | 12/9/2025 8:15:00 AM | 12/24/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-001B | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079589-001C | | | 12/24/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079589-002A | EB-740-Q425 | 12/9/2025 4:00:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-003A | MW-58BR-Q425 | 12/9/2025 12:12:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-003B | | | 12/24/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*10-Dec-25*

**WorkOrder:** N079589

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079589-003B | MW-58BR-Q425 | 12/9/2025 12:12:00 PM | 12/24/2025 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079589-003C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079589-004A | MW-70-105-Q425 | 12/9/2025 11:26:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-004B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079589-004C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079589-005A | MW-60BR-245-Q425 | 12/9/2025 4:09:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-005B | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*10-Dec-25*

**WorkOrder:** N079589

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079589-005B | MW-60BR-245-Q425 | 12/9/2025 4:09:00 PM | 12/24/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079589-005C | | | 12/24/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/24/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079589-006A | EB-741-Q425 | 12/9/2025 4:19:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079589-007A | FOLDER | 12/24/2025 | 12/24/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/24/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/24/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 05, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079785

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

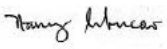
Enclosed are the results for sample(s) received on December 16, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Since the result of total dissolved chromium (1.3ug/L) differs with hexavalent chromium (0.62ug/L actual value) by no more 0.7 ug/L for sample N079785-003 (MW-64BR-Q425), reanalysis of the sample was not necessary. Sample was analyzed at 1x for hexavalent chromium however, N079785-003AMS failed retention time & recovery criteria thus sample was reported at 5x dilution where final result came out as none detect (ND).

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Calcium in QC sample N079691-001C-MSD1 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N079785-001B-MS2 and N079785-001B-MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Potassium in QC samples N079785-001B-MS2 and N079785-001B-MSD2 possibly due to matrix interference. Post

Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Since the result of total dissolved chromium (1.3ug/L) differs with hexavalent chromium (0.62ug/L actual value) by no more 0.7 ug/L for sample N079785-003 (MW-64BR-Q425), reanalysis of the sample was not necessary. Sample was analyzed at 1x for hexavalent chromium however, N079785-003AMS failed retention time & recovery criteria thus sample was reported at 5x dilution where final result came out as none detect (ND).

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079785-004BMS and N079785-004BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *05-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079785
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079785-001A | MW-70BR-225-Q425 | Surface Water | 12/16/2025 11:46:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-001B | MW-70BR-225-Q425 | Surface Water | 12/16/2025 11:46:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-001C | MW-70BR-225-Q425 | Surface Water | 12/16/2025 11:46:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-002A | MW-70BR-287-Q425 | Surface Water | 12/16/2025 10:52:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-002B | MW-70BR-287-Q425 | Surface Water | 12/16/2025 10:52:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-003A | MW-64BR-Q425 | Surface Water | 12/16/2025 1:10:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-003B | MW-64BR-Q425 | Surface Water | 12/16/2025 1:10:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-003C | MW-64BR-Q425 | Surface Water | 12/16/2025 1:10:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-004A | MW-98-055-Q425 | Surface Water | 12/16/2025 3:04:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-004B | MW-98-055-Q425 | Surface Water | 12/16/2025 3:04:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-005A | MW-98-077-Q425 | Surface Water | 12/16/2025 2:32:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-005B | MW-98-077-Q425 | Surface Water | 12/16/2025 2:32:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-006A | EB-755-Q425 | Surface Water | 12/16/2025 3:30:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-007A | MW-48-Q425 | Surface Water | 12/16/2025 11:48:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-007B | MW-48-Q425 | Surface Water | 12/16/2025 11:48:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-007C | MW-48-Q425 | Surface Water | 12/16/2025 11:48:00 AM | 12/16/2025 | 1/5/2026 |
| N079785-008A | MW-12-Q425 | Surface Water | 12/16/2025 12:37:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-008B | MW-12-Q425 | Surface Water | 12/16/2025 12:37:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-008C | MW-12-Q425 | Surface Water | 12/16/2025 12:37:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-009A | MW-907-Q425 | Surface Water | 12/16/2025 12:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-009B | MW-907-Q425 | Surface Water | 12/16/2025 12:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-009C | MW-907-Q425 | Surface Water | 12/16/2025 12:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-010A | TWB-01-Q425 | Surface Water | 12/16/2025 1:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-010B | TWB-01-Q425 | Surface Water | 12/16/2025 1:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-010C | TWB-01-Q425 | Surface Water | 12/16/2025 1:47:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-011A | MW-928-Q425 | Surface Water | 12/16/2025 1:57:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-011B | MW-928-Q425 | Surface Water | 12/16/2025 1:57:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-011C | MW-928-Q425 | Surface Water | 12/16/2025 1:57:00 PM | 12/16/2025 | 1/5/2026 |
| N079785-012A | EB-757-Q425 | Surface Water | 12/16/2025 2:25:00 PM | 12/16/2025 | 1/5/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-225-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:46:00 AM |
| **Lab ID:** | N079785-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251217E** | QC Batch: **126109** | | | | PrepDate: **12/17/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 7500 | 100 | 100 | | mg/L | 1 | 12/17/2025 12:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-64BR-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:10:00 PM |
| **Lab ID:** | N079785-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251217E** | QC Batch: **126109** | | | | PrepDate: **12/17/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 6700 | 100 | 100 | | mg/L | 1 | 12/17/2025 12:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TWB-01-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:47:00 PM |
| **Lab ID:** | N079785-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251217E** | QC Batch: **126109** | | | PrepDate: | **12/17/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 11000 | 100 | 100 | | mg/L | 1 | 12/17/2025 12:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-928-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:57:00 PM |
| **Lab ID:** | N079785-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251217E** | QC Batch: **126109** | | | | PrepDate: | **12/17/2025** | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 10000 | 100 | 100 | | mg/L | 1 | 12/17/2025 12:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

Sample ID: **LCS-126109** SampType: **LCS** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/17/2025** RunNo: **212063**
Client ID: **LCSW** Batch ID: **126109** TestNo: **SM2540C** Analysis Date: **12/17/2025** SeqNo: **7300402**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 979.000 | 10 | 10 | 1000 | 0 | 97.9 | 80 | 120 | | | | |

Sample ID: **MB-126109** SampType: **MBLK** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/17/2025** RunNo: **212063**
Client ID: **PBW** Batch ID: **126109** TestNo: **SM2540C** Analysis Date: **12/17/2025** SeqNo: **7300403**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

Sample ID: **N079785-011CDUP** SampType: **DUP** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **12/17/2025** RunNo: **212063**
Client ID: **ZZZZZZ** Batch ID: **126109** TestNo: **SM2540C** Analysis Date: **12/17/2025** SeqNo: **7300409**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 10250.000 | 100 | 100 | | | | | | 10100 | 1.47 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-225-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:46:00 AM |
| **Lab ID:** | N079785-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1200 | 7.7 | 40 | | µg/L | 200 | 12/17/2025 11:51 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 1200 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 04:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-287-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 10:52:00 AM |
| **Lab ID:** | N079785-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 510 | 1.9 | 10 | | µg/L | 50 | 12/17/2025 12:20 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 490 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 04:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-64BR-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:10:00 PM |
| **Lab ID:** | N079785-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/17/2025 03:10 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 1.3 | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 01:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-98-055-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 3:04:00 PM |
| **Lab ID:** | N079785-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251217A** QC Batch: **R212044** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 520 | 1.9 | 10 | | µg/L | 50 | 12/17/2025 11:23 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126131** PrepDate: **12/18/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 540 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 05:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-98-077-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 2:32:00 PM |
| **Lab ID:** | N079785-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 900 | 3.9 | 20 | | µg/L | 100 | 12/17/2025 12:29 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 890 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 06:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-755-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 3:30:00 PM |
| **Lab ID:** | N079785-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/17/2025 01:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-48-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:48:00 AM |
| **Lab ID:** | N079785-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251217A** QC Batch: **R212044** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/17/2025 03:29 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126131** | | | | PrepDate: **12/18/2025** | | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 06:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-12-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:37:00 PM |
| **Lab ID:** | N079785-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 260 | 1.9 | 10 | | µg/L | 50 | 12/17/2025 12:57 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 250 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 06:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-907-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:47:00 PM |
| **Lab ID:** | N079785-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 260 | 1.9 | 10 | | µg/L | 50 | 12/17/2025 01:07 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 270 | 1.3 | 10 | | µg/L | 10 | 12/26/2025 06:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TWB-01-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:47:00 PM |
| **Lab ID:** | N079785-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/17/2025 05:50 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 06:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-928-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:57:00 PM |
| **Lab ID:** | N079785-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/17/2025 06:09 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251226C** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 07:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-757-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 2:25:00 PM |
| **Lab ID:** | N079785-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251217A** | QC Batch: **R212044** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/17/2025 01:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R212044** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212044** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R212044** | TestNo: **EPA 218.6** | | Analysis Date: **12/17/2025** | SeqNo: **7298596** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R212044** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212044** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R212044** | TestNo: **EPA 218.6** | | Analysis Date: **12/17/2025** | SeqNo: **7298597** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.038 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079785-004AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212044** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212044** | TestNo: **EPA 218.6** | | Analysis Date: **12/17/2025** | SeqNo: **7298599** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 757.970 | 1.9 | 10 | 250.0 | 518.9 | 95.6 | 90 | 110 | | | | |

| Sample ID: **N079785-004AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212044** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212044** | TestNo: **EPA 218.6** | | Analysis Date: **12/17/2025** | SeqNo: **7298600** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 759.485 | 1.9 | 10 | 250.0 | 518.9 | 96.2 | 90 | 110 | 758.0 | 0.200 | 20 | |

| Sample ID: **N079785-001ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212044** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212044** | TestNo: **EPA 218.6** | | Analysis Date: **12/17/2025** | SeqNo: **7298602** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1149.680 | 7.7 | 40 | | | | | | 1187 | 3.17 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079785-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298603**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2165.900 | 7.7 | 40 | 1000 | 1187 | 97.9 | 90 | 110 | | | | |

Sample ID: **N079785-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298611**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID: **N079785-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298613**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.064 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID: **N079785-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298615**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.380 | 0.19 | 1.0 | 5.000 | 0.6200 | 95.2 | 90 | 110 | | | | |

Sample ID: **N079785-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298619**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.237 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079785-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298620**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 757.420 | 1.9 | 10 | 250.0 | 508.5 | 99.6 | 90 | 110 | | | | |

Sample ID: **N079785-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298621**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1410.750 | 3.9 | 20 | 500.0 | 902.2 | 102 | 90 | 110 | | | | |

Sample ID: **N079785-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298622**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 509.675 | 1.9 | 10 | 250.0 | 261.5 | 99.3 | 90 | 110 | | | | |

Sample ID: **N079785-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298623**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 510.425 | 1.9 | 10 | 250.0 | 256.6 | 102 | 90 | 110 | | | | |

Sample ID: **N079785-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298628**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.258 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079785-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212044**
Client ID: **ZZZZZZ** Batch ID: **R212044** TestNo: **EPA 218.6** Analysis Date: **12/17/2025** SeqNo: **7298630**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.041 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-126131** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212350** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317628** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-126131** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212350** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317629** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.344 | 0.13 | 1.0 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079785-004BMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212426** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322368** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 629.161 | 1.3 | 10 | 10.00 | 538.7 | 905 | 75 | 125 | | | | S |

| Sample ID: **N079785-004BMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212426** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322370** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 627.263 | 1.3 | 10 | 10.00 | 538.7 | 886 | 75 | 125 | 629.2 | 0.302 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212426**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322366**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 655.976 | 1.3 | 10 | 100.0 | 538.7 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079757 / N079785
Test Method: EPA 6020
Analysis Date: 12/26/2025

Matrix: Groundwater
Batch No.: 126131

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 50x | Chromium | Cr | µg/L | 528.4095 | PASS | 538.6797 | 1.91% | 10 |
| N079785-004B DT 5x | Arsenic | As | µg/L | 1.415043 | NA | 1.204311 | 17.50% | 10 |
| N079785-004B DT 5x | Manganese | Mn | µg/L | 13.7617 | NA | 12.47037 | 10.36% | 10 |

01/05/2026

Note: NA - Not Applicable

01/05/26 11:34

N079757_6020_126131_DT

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-225-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:46:00 AM |
| **Lab ID:** | N079785-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 36 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-64BR-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:10:00 PM |
| **Lab ID:** | N079785-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 150 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TWB-01-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:47:00 PM |
| **Lab ID:** | N079785-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 35 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-928-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:57:00 PM |
| **Lab ID:** | N079785-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 36 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

Sample ID: **LCS-R212160** SampType: **LCS** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212160**
Client ID: **LCSW** Batch ID: **R212160** TestNo: **SM 2320 B** Analysis Date: **12/22/2025** SeqNo: **7307420**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 93.750 | 5.0 | 5.0 | 100.0 | 0 | 93.8 | 85 | 115 | | | | |

Sample ID: **MB-R212160** SampType: **MBLK** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212160**
Client ID: **PBW** Batch ID: **R212160** TestNo: **SM 2320 B** Analysis Date: **12/22/2025** SeqNo: **7307421**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

Sample ID: **N079861-002DDUP** SampType: **DUP** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212160**
Client ID: **ZZZZZZ** Batch ID: **R212160** TestNo: **SM 2320 B** Analysis Date: **12/22/2025** SeqNo: **7307432**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 70.833 | 5.0 | 5.0 | | | | | | 69.79 | 1.48 | 30 | |

Sample ID: **N079861-002DMS** SampType: **MS** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212160**
Client ID: **ZZZZZZ** Batch ID: **R212160** TestNo: **SM 2320 B** Analysis Date: **12/22/2025** SeqNo: **7307433**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 166.667 | 5.0 | 5.0 | 100.0 | 69.79 | 96.9 | 75 | 125 | | | | |

Sample ID: **N079861-002DMSD** SampType: **MSD** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212160**
Client ID: **ZZZZZZ** Batch ID: **R212160** TestNo: **SM 2320 B** Analysis Date: **12/22/2025** SeqNo: **7307434**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 165.625 | 5.0 | 5.0 | 100.0 | 69.79 | 95.8 | 75 | 125 | 166.7 | 0.627 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-70BR-225-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 11:46:00 AM
**Lab ID:** N079785-001
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/17/2025 11:02 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 4000 | 290 | 500 | | mg/L | 1000 | 12/17/2025 10:09 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.4 | 0.32 | 1.0 | | mg/L | 10 | 12/17/2025 11:02 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 720 | 34 | 50 | | mg/L | 100 | 12/18/2025 12:20 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 3.3 | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 11:02 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-64BR-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:10:00 PM
**Lab ID:** N079785-003
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/17/2025 11:18 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 3800 | 290 | 500 | | mg/L | 1000 | 12/17/2025 03:57 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.1 | 0.32 | 1.0 | | mg/L | 10 | 12/17/2025 11:18 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 400 | 17 | 25 | | mg/L | 50 | 12/17/2025 07:41 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 11:18 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-48-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:48:00 AM |
| **Lab ID:** | N079785-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** | QC Batch: **R211965** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 02:02 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-12-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:37:00 PM |
| **Lab ID:** | N079785-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** | QC Batch: **R211965** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.8 | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 02:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-907-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:47:00 PM |
| **Lab ID:** | N079785-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** | QC Batch: **R211965** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.7 | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 02:35 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TWB-01-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:47:00 PM
**Lab ID:** N079785-010
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/17/2025 11:35 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 6100 | 580 | 1000 | | mg/L | 2000 | 12/17/2025 10:42 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.4 | 0.32 | 1.0 | | mg/L | 10 | 12/17/2025 11:35 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 760 | 34 | 50 | | mg/L | 100 | 12/17/2025 09:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 11:35 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-928-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:57:00 PM
**Lab ID:** N079785-011
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/17/2025 11:51 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 6000 | 580 | 1000 | | mg/L | 2000 | 12/17/2025 10:58 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.4 | 0.32 | 1.0 | | mg/L | 10 | 12/17/2025 11:51 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 750 | 34 | 50 | | mg/L | 100 | 12/17/2025 09:20 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251217A** QC Batch: **R211965** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/17/2025 11:51 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID: **MB-R211965_BR** | SampType: **MBLK** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292547** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211965_BR** | SampType: **LCS** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292548** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.260 | 0.036 | 0.50 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079785-001CDUP** | SampType: **DUP** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292555** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 0.370 | 0.36 | 5.0 | | | | | | 0 | 0 | 20 | |

| Sample ID: **N079785-003CMS** | SampType: **MS** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292556** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 12.736 | 0.36 | 5.0 | 12.50 | 0 | 102 | 80 | 120 | | | | |

| Sample ID: **N079785-003CMSD** | SampType: **MSD** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292557** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 12.749 | 0.36 | 5.0 | 12.50 | 0 | 102 | 80 | 120 | 12.74 | 0.102 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID: **MB-R211965_CL** | SampType: **MBLK** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292524** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211965_CL** | SampType: **LCS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292525** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2.031 | 0.29 | 0.50 | 2.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID: **N079785-003CMS** | SampType: **MS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292529** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5832.500 | 290 | 500 | 2000 | 3812 | 101 | 80 | 120 | | | | |

| Sample ID: **N079785-003CMSD** | SampType: **MSD** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292534** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5859.200 | 290 | 500 | 2000 | 3812 | 102 | 80 | 120 | 5833 | 0.457 | 20 | |

| Sample ID: **N079785-001CDUP** | SampType: **DUP** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292536** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 4018.100 | 290 | 500 | | | | | | 3986 | 0.815 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID: **MB-R211965_F** | SampType: **MBLK** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292501** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | |

| Sample ID: **LCS-R211965_F** | SampType: **LCS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292502** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.242 | 0.032 | 0.10 | 1.250 | 0 | 99.3 | 90 | 110 | | | | |

| Sample ID: **N079785-001CDUP** | SampType: **DUP** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292509** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 3.446 | 0.32 | 1.0 | | | | | | 3.371 | 2.20 | 20 | |

| Sample ID: **N079785-003CMS** | SampType: **MS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292510** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 14.987 | 0.32 | 1.0 | 12.50 | 3.063 | 95.4 | 80 | 120 | | | | |

| Sample ID: **N079785-003CMSD** | SampType: **MSD** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292511** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 15.010 | 0.32 | 1.0 | 12.50 | 3.063 | 95.6 | 80 | 120 | 14.99 | 0.153 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R211965_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292598** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211965_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292599** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.981 | 0.34 | 0.50 | 4.000 | 0 | 99.5 | 90 | 110 | | | | |

| Sample ID: **N079785-001CMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292604** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1107.310 | 34 | 50 | 400.0 | 720.0 | 96.8 | 80 | 120 | | | | |

| Sample ID: **N079785-001CMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292605** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1108.720 | 34 | 50 | 400.0 | 720.0 | 97.2 | 80 | 120 | 1107 | 0.127 | 20 | |

| Sample ID: **N079785-003CDUP** | SampType: **DUP** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292607** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 392.870 | 17 | 25 | | | | | | 397.7 | 1.22 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **MB-R211965_NO3** | SampType: **MBLK** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292570** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID: **LCS-R211965_NO3** | SampType: **LCS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292571** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.298 | 0.024 | 0.050 | 1.250 | 0 | 104 | 90 | 110 | | | | |

| Sample ID: **N079785-001CDUP** | SampType: **DUP** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292581** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 3.391 | 0.24 | 0.50 | | | | | | 3.312 | 2.36 | 20 | |

| Sample ID: **N079785-003CMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292582** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.107 | 0.24 | 0.50 | 12.50 | 0 | 96.9 | 80 | 120 | | | | |

| Sample ID: **N079785-003CMSD** | SampType: **MSD** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **211965** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211965** | TestNo: **EPA 300.0** | | Analysis Date: **12/17/2025** | SeqNo: **7292583** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.262 | 0.24 | 0.50 | 12.50 | 0 | 98.1 | 80 | 120 | 12.11 | 1.27 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **N079811-003JMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **211965**
Client ID: **ZZZZZZ** Batch ID: **R211965** TestNo: **EPA 300.0** Analysis Date: **12/17/2025** SeqNo: **7292589**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 7.284 | 0.12 | 0.25 | 6.250 | 1.267 | 96.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-70BR-225-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 11:46:00 AM
**Lab ID:** N079785-001
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/21/2025 11:12 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251226C** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Calcium | 660 | 0.34 | 2.5 | | mg/L | 5 | 12/26/2025 06:10 PM |
| Magnesium | 24 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 11:12 PM |
| Potassium | 43 | 0.89 | 5.0 | | mg/L | 10 | 12/28/2025 08:49 PM |
| Sodium | 2300 | 57 | 250 | | mg/L | 500 | 12/23/2025 05:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-64BR-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:10:00 PM
**Lab ID:** N079785-003
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Iron | 39 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 11:14 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221I** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Calcium | 240 | 0.068 | 0.50 | | mg/L | 1 | 12/21/2025 11:14 PM |
| Magnesium | 15 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 11:14 PM |
| Potassium | 47 | 0.45 | 2.5 | | mg/L | 5 | 12/23/2025 04:38 PM |
| Sodium | 2200 | 57 | 250 | | mg/L | 500 | 12/23/2025 05:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TWB-01-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:47:00 PM
**Lab ID:** N079785-010
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | 62 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 11:17 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251226C** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Calcium | 590 | 0.34 | 2.5 | | mg/L | 5 | 12/26/2025 06:12 PM |
| Magnesium | 13 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 11:17 PM |
| Potassium | 61 | 2.2 | 12 | | mg/L | 25 | 12/23/2025 05:39 PM |
| Sodium | 4100 | 57 | 250 | | mg/L | 500 | 12/23/2025 05:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-928-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 12/16/2025 1:57:00 PM
**Lab ID:** N079785-011 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Iron | 76 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 11:19 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251226C** | QC Batch: **126130** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Calcium | 600 | 0.34 | 2.5 | | mg/L | 5 | 12/26/2025 06:15 PM |
| Magnesium | 13 | 0.013 | 0.10 | | mg/L | 1 | 12/21/2025 11:19 PM |
| Potassium | 83 | 0.45 | 2.5 | | mg/L | 5 | 12/23/2025 04:49 PM |
| Sodium | 3700 | 57 | 250 | | mg/L | 500 | 12/23/2025 05:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-126130** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212190** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309927** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS1-126130** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212190** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309928** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 100.300 | 5.8 | 20 | 100.0 | 0 | 100 | 85 | 115 | | | | |

| Sample ID: **N079691-001C-MS1** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212190** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309935** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.710 | 5.8 | 20 | 100.0 | 13.74 | 100 | 75 | 125 | | | | |

| Sample ID: **N079691-001C-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212190** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309938** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.690 | 5.8 | 20 | 100.0 | 13.74 | 110 | 75 | 125 | 113.7 | 8.41 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **MB-126130** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212189** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309784** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Iron | ND | 0.0058 | 0.020 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID: **LCS1-126130** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212189** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309785** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 11.314 | 0.068 | 0.50 | 10.00 | 0 | 113 | 85 | 115 | | | | |
| Iron | 0.100 | 0.0058 | 0.020 | 0.1000 | 0 | 100 | 85 | 115 | | | | |
| Magnesium | 10.854 | 0.013 | 0.10 | 10.00 | 0 | 109 | 85 | 115 | | | | |

| Sample ID: **N079691-001C-MS1** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212189** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309792** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 212.670 | 0.068 | 0.50 | 10.00 | 200.8 | 118 | 75 | 125 | | | | |
| Iron | 0.114 | 0.0058 | 0.020 | 0.1000 | 0.01374 | 100 | 75 | 125 | | | | |
| Magnesium | 47.326 | 0.013 | 0.10 | 10.00 | 36.89 | 104 | 75 | 125 | | | | |

| Sample ID: **N079691-001C-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212189** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309795** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 216.220 | 0.068 | 0.50 | 10.00 | 200.8 | 154 | 75 | 125 | 212.7 | 1.66 | 20 | S |
| Iron | 0.124 | 0.0058 | 0.020 | 0.1000 | 0.01374 | 110 | 75 | 125 | 0.1137 | 8.41 | 20 | |
| Magnesium | 47.904 | 0.013 | 0.10 | 10.00 | 36.89 | 110 | 75 | 125 | 47.33 | 1.21 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **MB-126130** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212266** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/23/2025** | SeqNo: **7313706** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID: **LCS2-126130** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212266** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/23/2025** | SeqNo: **7313707** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 9.289 | 0.089 | 0.50 | 10.00 | 0 | 92.9 | 85 | 115 | | | | |
| Sodium | 9.504 | 0.11 | 0.50 | 10.00 | 0 | 95.0 | 85 | 115 | | | | |

| Sample ID: **N079785-001B-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212266** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/23/2025** | SeqNo: **7313728** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2497.605 | 57 | 250 | 10.00 | 2253 | 2440 | 75 | 125 | | | | S |

| Sample ID: **N079785-001B-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212266** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/23/2025** | SeqNo: **7313730** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2478.869 | 57 | 250 | 10.00 | 2253 | 2250 | 75 | 125 | 2498 | 0.753 | 20 | S |

| Sample ID: **N079785-001B-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/18/2025** | RunNo: **212444** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/28/2025** | SeqNo: **7324061** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 56.610 | 0.89 | 5.0 | 10.00 | 43.01 | 136 | 75 | 125 | | | | S |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079785-001B-MSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: **12/18/2025** RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126130** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324062**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 58.987 | 0.89 | 5.0 | 10.00 | 43.01 | 160 | 75 | 125 | 56.61 | 4.11 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N079691-001C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: RunNo: **212190**
Client ID: **ZZZZZZ** Batch ID: **126130** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/21/2025** SeqNo: **7309934**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.200 | 5.8 | 20 | 100.0 | 13.74 | 88.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079691-001C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212189**
Client ID: **ZZZZZZ** Batch ID: **126130** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/21/2025** SeqNo: **7309791**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 210.547 | 0.068 | 0.50 | 10.00 | 200.8 | 97.1 | 80 | 120 | | | | |
| Iron | 0.102 | 0.0058 | 0.020 | 0.1000 | 0.01374 | 88.5 | 80 | 120 | | | | |
| Magnesium | 47.014 | 0.013 | 0.10 | 10.00 | 36.89 | 101 | 80 | 120 | | | | |

Sample ID: **N079785-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212266**
Client ID: **ZZZZZZ** Batch ID: **126130** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/23/2025** SeqNo: **7313724**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 6461.281 | 57 | 250 | 5000 | 2253 | 84.2 | 80 | 120 | | | | |

Sample ID: **N079785-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126130** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324060**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 177.019 | 0.89 | 5.0 | 100.0 | 43.01 | 134 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079785
Test Method: EPA 6010B
Analysis Date: ~~12/21/2026~~ 12/21/2025

Matrix: Surface Water
Batch No.: 126130

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ca & Mg failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Calcium | Ca | mg/L | 262.9083 | FAIL | 200.8414 | 30.90% | 10 |
| N079691-001C DT 5x | Magnesium | Mg | mg/L | 46.08835 | FAIL | 36.89468 | 24.92% | 10 |

01/05/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079785
Test Method: EPA 6010B
Analysis Date: 12/28/2025

Matrix: Surface Water
Batch No.: 126130

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for K failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-001B DT 50x | Potassium | K | mg/L | 34.64954 | FAIL | 43.00661 | 19.43% | 10 |

01/05/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079755 / N079785
Test Method: EPA 6010B
Analysis Date: 12/21/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 13.74 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079785
Test Method: EPA 6010B
Analysis Date: 12/23/2025

Matrix: Surface Water
Batch No.: 126130

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-001B DT 2500x | Sodium | Na | mg/L | 2302.089 | PASS | 2253.434 | 2.16% | 10 |

01/05/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-225-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 11:46:00 AM |
| **Lab ID:** | N079785-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 04:14 PM |
| Manganese | 4.9 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 04:14 PM |
| Molybdenum | 19 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 01:39 PM |
| Selenium | 2.3 | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 01:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-70BR-287-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 10:52:00 AM |
| **Lab ID:** | N079785-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 04:26 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 04:26 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-64BR-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 1:10:00 PM |
| **Lab ID:** | N079785-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 04:38 PM |
| Manganese | 2100 | 4.6 | 50 | | µg/L | 100 | 12/26/2025 04:44 PM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 01:50 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 01:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-98-055-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 3:04:00 PM |
| **Lab ID:** | N079785-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | 1.2 | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 05:01 PM |
| Manganese | 12 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 05:01 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-98-077-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 2:32:00 PM |
| **Lab ID:** | N079785-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 06:11 PM |
| Manganese | 4.2 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 06:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-48-Q425

**Lab Order:** N079785

**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 12/16/2025 11:48:00 AM

**Lab ID:** N079785-007 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 02:43 PM |
| Manganese | 130 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 06:23 PM |
| Molybdenum | 8.6 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 02:43 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 02:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-12-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:37:00 PM |
| **Lab ID:** | N079785-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | 11 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 02:49 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 06:29 PM |
| Molybdenum | 3.3 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 02:49 PM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 02:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-907-Q425 |
| **Lab Order:** | N079785 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/16/2025 12:47:00 PM |
| **Lab ID:** | N079785-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | | PrepDate: | **12/18/2025** | Analyst: **DJ** |
| Arsenic | 12 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 02:55 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 06:40 PM |
| Molybdenum | 3.5 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 02:55 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 12/26/2025 06:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TWB-01-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:47:00 PM
**Lab ID:** N079785-010
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 03:01 PM |
| Manganese | 1100 | 0.46 | 5.0 | | µg/L | 10 | 12/26/2025 06:58 PM |
| Molybdenum | 39 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 03:01 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 03:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-928-Q425
**Lab Order:** N079785
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 12/16/2025 1:57:00 PM
**Lab ID:** N079785-011
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 03:06 PM |
| Manganese | 1100 | 0.46 | 5.0 | | µg/L | 10 | 12/26/2025 07:21 PM |
| Molybdenum | 39 | 0.063 | 0.50 | | µg/L | 1 | 12/24/2025 03:06 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/24/2025 03:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-126131** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **PBW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317372**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-126131** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **LCSW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317373**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 10.084 | 0.063 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Selenium | 10.605 | 0.29 | 0.50 | 10.00 | 0 | 106 | 85 | 115 | | | | |

Sample ID: **N079785-004BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317392**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.008 | 0.063 | 0.50 | 10.00 | 24.31 | 97.0 | 75 | 125 | | | | |
| Selenium | 23.617 | 0.29 | 0.50 | 10.00 | 14.26 | 93.6 | 75 | 125 | | | | |

Sample ID: **N079785-004BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317393**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.057 | 0.063 | 0.50 | 10.00 | 24.31 | 97.4 | 75 | 125 | 34.01 | 0.143 | 20 | |
| Selenium | 23.617 | 0.29 | 0.50 | 10.00 | 14.26 | 93.6 | 75 | 125 | 23.62 | 0.00189 | 20 | |

Sample ID: **MB-126131** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/18/2025** RunNo: **212430**
Client ID: **PBW** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322486**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **MB-126131** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322486** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-126131** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322487** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.883 | 0.067 | 0.10 | 10.00 | 0 | 98.8 | 85 | 115 | | | | |
| Manganese | 97.949 | 0.046 | 0.50 | 100.0 | 0 | 97.9 | 85 | 115 | | | | |

| Sample ID: **N079785-004BMS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322515** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.168 | 0.067 | 0.10 | 10.00 | 1.204 | 99.6 | 75 | 125 | | | | |
| Manganese | 105.910 | 0.046 | 0.50 | 100.0 | 12.47 | 93.4 | 75 | 125 | | | | |

| Sample ID: **N079785-004BMSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/18/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126131** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322517** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.488 | 0.067 | 0.10 | 10.00 | 1.204 | 92.8 | 75 | 125 | 11.17 | 6.29 | 20 | |
| Manganese | 106.737 | 0.046 | 0.50 | 100.0 | 12.47 | 94.3 | 75 | 125 | 105.9 | 0.778 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079785
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317391**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 34.313 | 0.063 | 0.50 | 10.00 | 24.31 | 100 | 80 | 120 | | | | |
| Selenium | 23.452 | 0.29 | 0.50 | 10.00 | 14.26 | 92.0 | 80 | 120 | | | | |

Sample ID: **N079785-004B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212430**
Client ID: **ZZZZZZ** Batch ID: **126131** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322513**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.589 | 0.067 | 0.10 | 10.00 | 1.204 | 93.8 | 80 | 120 | | | | |
| Manganese | 101.367 | 0.046 | 0.50 | 100.0 | 12.47 | 88.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079757 / N079785
Test Method: EPA 6020
Analysis Date: 12/26/2025

Matrix: Groundwater
Batch No.: 126131

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & Mn. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 50x | Chromium | Cr | µg/L | 528.4095 | PASS | 538.6797 | 1.91% | 10 |
| N079785-004B DT 5x | Arsenic | As | µg/L | 1.415043 | NA | 1.204311 | 17.50% | 10 |
| N079785-004B DT 5x | Manganese | Mn | µg/L | 13.7617 | NA | 12.47037 | 10.36% | 10 |

01/05/2026

Note: NA - Not Applicable

01/05/26 11:34

N079757_6020_126131_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079757 / N079785
Test Method: EPA 6020
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 126131

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 5x | Selenium | Se | µg/L | 15.35729 | PASS | 14.25682 | 7.72% | 10 |
| N079785-004B DT 5x | Molybdenum | Mo | µg/L | 24.79698 | PASS | 24.3127 | 1.99% | 10 |

01/05/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 1/2/2026 12:00 AM
FOLDER R: 12/16/2025
N079785-013A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Dana Tay | Phone: 720.344.3771 Fax: | Phone: Fax: | |
| Title: PM | | | |
| Signature: Date: 12/16/25 | Sampled By: Dana Tay | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misidentifying the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 12/16/25 | | |
| Project Number: 30251660 | | | |

Matrix: Ground, Sediment, Potable, Soil, NPDES, Other Solid, Surface (X)

| Excel E | | RWQCB | ✓ | 1. Chilled | |
|---|---|---|---|---|---|
| Geotracker | | CalTrans | | 2. Headspace | |
| Labspec | | LEVEL III | | 3. Container Intact | |
| Others | ✓ | LEVEL IV | | 4. Seal Present | |
| Specify: RWQCB | | Regulatory | | 5. IR number | |
| Global ID: | | Specify State: | | 6. Method of Cooling: ICE | |
| | | | | Sample Temp: 1.7°C | |
| | | | | Courier: ASAP | |
| | | | | Tracking No.: | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | 250 mL poly: Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH | 1L poly: Nitrate (EPA 300.0) | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, | 500mL poly: Ammonia as N (SM4500-NH3D); H2SO4 | 1L poly: Nitrate, bromide, chloride, fluoride, sulfate (EPA 300.0) | 1L poly: Alkalinity, Total as CaCO3 (SM2320B) | 1L poly: Total Dissolved Solids (SM2540C) | 125mL poly: Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 | 3x40 mL VOA: TOC (SM5310C); H2SO4 | 500mL poly: Dissolved metals (SW6020) FF; HNO3, calcium, iron, potassium, sodium, magnesium, manganese | 500mL poly: Total metals, Iron (SW6010); HNO3 | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Barium, boron, Zinc | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079785-001 | MW-70BR-225-Q425 | 12/16/2025 | 11:46 | | X | | X | X | | X | X | X | | | X | | | | | | E | 3 | P | BN | |
| 2 | -002 | MW-70BR-287-Q425 | 12/16/2025 | 10:52 | | X | | | X | | | | | | | | | | X | | | E | 2 | P | BN | |
| 3 | | | | | | | | | | | | | | | | | | | | | | E | 3 | P | ~~BN~~ | ② |
| 4 | | | | | | | | | | | | | | | | | | | | | | E | 3 | P | ~~BN~~ | ② |
| 5 | -003 | MW-64BR-Q425 | 12/16/2025 | 13:10 | | X | | X | X | | X | X | X | | | X | | | | | | E | 3 | P | BN | |
| | -004 | MW-98-055-Q425 | 12/16/2025 | 15:04 | | X | | | X | | | | | | | | | | X | | | E | 2 | P | BN | MS/MSD |
| 7 | -005 | MW-98-077-Q425 | 12/16/2025 | 14:32 | | X | | | X | | | | | | | | | | X | | | E | 2 | P | BN | |
| 8 | -006 | EB-755-Q425 | 12/16/2025 | 15:30 | | X | | | | | | | | | | | | | | | | E | 2 | P | BN | |
| 9 | -007 | MW-48-Q425 | 12/16/2025 | 11:48 | | X | X | X | X | | | | | | | | | | | | | E | 3 | P | BN | |
| 10 | -008 | MW-12-Q425 | 12/16/2025 | 12:37 | | X | X | X | X | | | | | | | | | | | | | E | 3 | P | BN | |
| 11 | -009 | MW-907-Q425 | 12/16/2025 | 12:47 | | X | X | X | X | | | | | | | | | | | | | E | 3 | P | BN | |
| 12 | -010 | TWB-01-Q425 | 12/16/2025 | 13:47 | | X | | X | X | | X | X | X | | | X | | | | | | E | 3 | P | BN | |
| 13 | -011 | MW-928-Q425 | 12/16/2025 | 13:57 | | X | | X | X | | X | X | X | | | X | | | | | | E | 3 | P | BN | |
| 14 | -012 | EB-757-Q425 | 12/16/2025 | 14:25 | | X | | | | | | | | | | | | | | | | E | 1 | P | BN | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Dana Tay | 12/16/25 1630 | Michael McCanton | 12/16/25 1630 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| Michael McCanton | 12/16/25 1412 | Michael McCanton | 12/16/25 1412 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/16/2025 | Workorder: | N079785 |
| Rep sample Temp (Deg C): | 1.2 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Jana Carganilla
12/17/2025

Reviewed By: MBC For: Ian Almario
12/24/2025

# ASSET Laboratories

## WORK ORDER Summary

*17-Dec-25*

**WorkOrder:** N079785

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/16/2025 7:12 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079785-001A | MW-70BR-225-Q425 | 12/16/2025 11:46:00 AM | 1/2/2026 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-001B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-001C | | | 1/2/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079785-002A | MW-70BR-287-Q425 | 12/16/2025 10:52:00 AM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-002B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-003A | MW-64BR-Q425 | 12/16/2025 1:10:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-003B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*17-Dec-25*

**WorkOrder:** N079785

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/16/2025 7:12 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079785-003B | MW-64BR-Q425 | 12/16/2025 1:10:00 PM | 1/2/2026 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-003C | | | 1/2/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079785-004A | MW-98-055-Q425 | 12/16/2025 3:04:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079785-004B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079785-005A | MW-98-077-Q425 | 12/16/2025 2:32:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-005B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*17-Dec-25*

**WorkOrder:** N079785

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/16/2025 7:12 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079785-006A | EB-755-Q425 | 12/16/2025 3:30:00 PM | 1/2/2026 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-007A | MW-48-Q425 | 12/16/2025 11:48:00 AM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-007B | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079785-007C | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-008A | MW-12-Q425 | 12/16/2025 12:37:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-008B | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079785-008C | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-009A | MW-907-Q425 | 12/16/2025 12:47:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-009B | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079785-009C | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-010A | TWB-01-Q425 | 12/16/2025 1:47:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-010B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*17-Dec-25*

**WorkOrder:** N079785

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/16/2025 7:12 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079785-010B | TWB-01-Q425 | 12/16/2025 1:47:00 PM | 1/2/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-010C | | | 1/2/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079785-011A | MW-928-Q425 | 12/16/2025 1:57:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-011B | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079785-011C | | | 1/2/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*17-Dec-25*

**WorkOrder:** N079785

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/16/2025 7:12 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079785-011C | MW-928-Q425 | 12/16/2025 1:57:00 PM | 1/2/2026 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/2/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079785-012A | EB-757-Q425 | 12/16/2025 2:25:00 PM | 1/2/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079785-013A | FOLDER | 1/2/2026 | 1/2/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/2/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/2/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 08, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079860

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 18, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Nitrate/Nitrite as Nitrogen was subcontracted to Pace Analytical - Bakersfield, CA.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079860-005 (MW-96-217-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.1 ug/L) and hexavalent chromium (0 ug/L) for sample N079860-005 (MW-96-217-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved

chromium. The results from the redigested samples were 1.2 and 1.3 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Chromium in QC sample N079835-009CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079835-010C-MS and N079835-010C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079860
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079860-001A | MW-95-113-Q425 | Surface Water | 12/18/2025 3:24:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-001B | MW-95-113-Q425 | Surface Water | 12/18/2025 3:24:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-001C | MW-95-113-Q425 | Surface Water | 12/18/2025 3:24:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-001D | MW-95-113-Q425 | Surface Water | 12/18/2025 3:24:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-002A | MW-95-157-Q425 | Surface Water | 12/18/2025 2:40:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-002B | MW-95-157-Q425 | Surface Water | 12/18/2025 2:40:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-002C | MW-95-157-Q425 | Surface Water | 12/18/2025 2:40:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-002D | MW-95-157-Q425 | Surface Water | 12/18/2025 2:40:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-003A | MW-24BR-Q425 | Surface Water | 12/18/2025 8:30:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-003B | MW-24BR-Q425 | Surface Water | 12/18/2025 8:30:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-004A | MW-96-045-Q425 | Surface Water | 12/18/2025 12:08:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-004B | MW-96-045-Q425 | Surface Water | 12/18/2025 12:08:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-005A | MW-96-217-Q425 | Surface Water | 12/18/2025 11:22:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-005B | MW-96-217-Q425 | Surface Water | 12/18/2025 11:22:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-006A | EB-761-Q425 | Surface Water | 12/18/2025 4:00:00 PM | 12/18/2025 | 1/8/2026 |
| N079860-007A | MW-38S-Q425 | Surface Water | 12/18/2025 11:02:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-007B | MW-38S-Q425 | Surface Water | 12/18/2025 11:02:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-007C | MW-38S-Q425 | Surface Water | 12/18/2025 11:02:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-008A | MW-10D-Q425 | Surface Water | 12/18/2025 11:53:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-008B | MW-10D-Q425 | Surface Water | 12/18/2025 11:53:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-008C | MW-10D-Q425 | Surface Water | 12/18/2025 11:53:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-009A | MW-11-Q425 | Surface Water | 12/18/2025 9:30:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-009B | MW-11-Q425 | Surface Water | 12/18/2025 9:30:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-010A | MW-11D-Q425 | Surface Water | 12/18/2025 8:59:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-010B | MW-11D-Q425 | Surface Water | 12/18/2025 8:59:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-011A | MW-38D-Q425 | Surface Water | 12/18/2025 10:17:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-011B | MW-38D-Q425 | Surface Water | 12/18/2025 10:17:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-011C | MW-38D-Q425 | Surface Water | 12/18/2025 10:17:00 AM | 12/18/2025 | 1/8/2026 |
| N079860-012A | EB-763-Q425 | Surface Water | 12/18/2025 3:20:00 PM | 12/18/2025 | 1/8/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-113-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 3:24:00 PM |
| **Lab ID:** | N079860-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.9 | 0.039 | 0.20 | | µg/L | 1 | 12/22/2025 03:28 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 2.4 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 06:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-157-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 2:40:00 PM |
| **Lab ID:** | N079860-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251223A** QC Batch: **R212299** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 13 | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 03:17 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230D** QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 12 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 07:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24BR-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 8:30:00 AM |
| **Lab ID:** | N079860-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 02:38 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 07:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-96-045-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 12:08:00 PM |
| **Lab ID:** | N079860-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 03:16 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 07:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-96-217-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:22:00 AM |
| **Lab ID:** | N079860-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251223A** | QC Batch: **R212299** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 04:54 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 1.1 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 07:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-761-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 4:00:00 PM |
| **Lab ID:** | N079860-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/22/2025 11:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38S-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:02:00 AM |
| **Lab ID:** | N079860-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** QC Batch: **R212232** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 29 | 0.19 | 1.0 | | µg/L | 5 | 12/22/2025 03:47 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230D** QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 28 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 08:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:53:00 AM |
| **Lab ID:** | N079860-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 250 | 1.9 | 10 | | µg/L | 50 | 12/22/2025 03:56 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_260108A** | QC Batch: **126462** | | | PrepDate: | **1/6/2026** | | Analyst: **ERP** |
| Chromium | 220 | 0.63 | 5.0 | | µg/L | 5 | 1/8/2026 10:10 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-11-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 9:30:00 AM |
| **Lab ID:** | N079860-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1000 | 7.7 | 40 | | µg/L | 200 | 12/22/2025 04:06 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230D** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 960 | 1.3 | 10 | | µg/L | 10 | 12/30/2025 08:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-11D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 8:59:00 AM |
| **Lab ID:** | N079860-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 560 | 1.9 | 10 | | µg/L | 50 | 12/22/2025 04:22 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_260108A** | QC Batch: **126462** | | | PrepDate: | **1/6/2026** | | Analyst: **ERP** |
| Chromium | 520 | 0.63 | 5.0 | | µg/L | 5 | 1/8/2026 10:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 10:17:00 AM |
| **Lab ID:** | N079860-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251223A** QC Batch: **R212299** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 13 | 0.19 | 1.0 | | µg/L | 5 | 12/23/2025 03:46 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230D** QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Chromium | 12 | 0.13 | 1.0 | | µg/L | 1 | 12/30/2025 09:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-763-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 3:20:00 PM |
| **Lab ID:** | N079860-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** | QC Batch: **R212232** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/23/2025 12:07 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212232 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312517 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212232 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312518 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.096 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079835-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312522 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1412.920 | 3.9 | 20 | 500.0 | 910.1 | 101 | 90 | 110 | | | | | |

| Sample ID | N079835-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312524 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.860 | 0.039 | 0.20 | 1.000 | 0.8878 | 97.2 | 90 | 110 | | | | | |

| Sample ID | N079836-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312532 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.983 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079836-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312533 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079861-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312537 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 59.292 | 0.19 | 1.0 | 25.00 | 33.77 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079861-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312538 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 59.456 | 0.19 | 1.0 | 25.00 | 33.77 | 103 | 90 | 110 | 59.29 | 0.276 | 20 | | | |

| Sample ID | N079860-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312539 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1977.760 | 7.7 | 40 | 1000 | 1025 | 95.2 | 90 | 110 | | | | | | |

| Sample ID | N079860-009ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312541 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1005.440 | 7.7 | 40 | | | | | | 1025 | 1.96 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312542 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 53.549 | 0.19 | 1.0 | 25.00 | 28.78 | 99.1 | 90 | 110 | | | | | | |

| Sample ID | N079860-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312543 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 496.375 | 1.9 | 10 | 250.0 | 253.6 | 97.1 | 90 | 110 | | | | | | |

| Sample ID | N079860-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312544 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 817.845 | 1.9 | 10 | 250.0 | 560.0 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079860-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312547 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 7.740 | 0.039 | 0.20 | 5.000 | 2.912 | 96.5 | 90 | 110 | | | | | | |

| Sample ID | N079860-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312549 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.1520 | 97.9 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312551 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.1626 | 94.2 | 90 | 110 | | | | | | |

| Sample ID | N079893-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312553 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 466.095 | 1.9 | 10 | 250.0 | 204.6 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079860-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312559 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.217 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079860-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312561 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.020 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | | | |

| Sample ID | N079836-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312562 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.151 | 0.039 | 0.20 | 1.000 | 0.1720 | 97.9 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079957-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212232 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7312564 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 14.033 | 0.039 | 0.20 | 5.000 | 9.004 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212299 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315224 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212299 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315225 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.899 | 0.039 | 0.20 | 5.000 | 0 | 98.0 | 90 | 110 | | | | | |

| Sample ID | N079955-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315229 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.953 | 0.039 | 0.20 | 1.000 | 0 | 95.3 | 90 | 110 | | | | | |

| Sample ID | N079955-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315230 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.912 | 0.039 | 0.20 | 1.000 | 0 | 91.2 | 90 | 110 | 0.9534 | 4.46 | 20 | | |

| Sample ID | N079955-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315232 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079955-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315233 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.950 | 0.039 | 0.20 | 1.000 | 0 | 95.0 | 90 | 110 | | | | | | |

| Sample ID | N079954-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315236 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.421 | 0.039 | 0.20 | 1.000 | 0.4478 | 97.3 | 90 | 110 | | | | | | |

| Sample ID | N079954-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315238 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.982 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | | | |

| Sample ID | N079954-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315240 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.946 | 0.039 | 0.20 | 1.000 | 0 | 94.6 | 90 | 110 | | | | | | |

| Sample ID | N079860-002ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315242 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 13.345 | 0.19 | 1.0 | | | | | | 13.09 | 1.93 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079860-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315243**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.276 | 0.19 | 1.0 | 25.00 | 13.09 | 101 | 90 | 110 | | | | |

Sample ID **N079861-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315248**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 266.700 | 0.77 | 4.0 | 100.0 | 169.3 | 97.4 | 90 | 110 | | | | |

Sample ID **N079859-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315250**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.437 | 0.19 | 1.0 | 5.000 | 1.276 | 103 | 90 | 110 | | | | |

Sample ID **N079860-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315252**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.768 | 0.19 | 1.0 | 5.000 | 0.7100 | 101 | 90 | 110 | | | | |

Sample ID **N079955-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **212299**
Client ID: **ZZZZZZ** Batch ID: **R212299** TestNo: **EPA 218.6** Analysis Date: **12/23/2025** SeqNo: **7315254**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.060 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079955-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315256 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.075 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N079955-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315261 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09660 | 99.0 | 90 | 110 | | | | | | |

| Sample ID | N079860-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315262 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 38.245 | 0.19 | 1.0 | 25.00 | 13.37 | 99.5 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | LCS-126197 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327639 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.233 | 0.13 | 1.0 | 10.00 | 0 | 92.3 | 85 | 115 | | | | |

| Sample ID | N079835-009CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327651 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1643.319 | 3.2 | 25 | 10.00 | 1632 | 111 | 75 | 125 | | | | |

| Sample ID | N079835-009CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327654 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1449.855 | 3.2 | 25 | 10.00 | 1632 | -1820 | 75 | 125 | 1643 | 12.5 | 20 | S |

| Sample ID | MB-126197 | SampType: | MBLK | TestCode: | 6020DIS_CR | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212525 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7328190 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-126462 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338207 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126462 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338208 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.853 | 0.13 | 1.0 | 10.00 | 0 | 98.5 | 85 | 115 | | | | |

| Sample ID | N079835-010C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338212 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1801.048 | 3.2 | 25 | 10.00 | 1698 | 1030 | 75 | 125 | | | | S |

| Sample ID | N079835-010C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 1/6/2026 | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338213 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1743.682 | 3.2 | 25 | 10.00 | 1698 | 455 | 75 | 125 | 1801 | 3.24 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N079835-009C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212525**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327646**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1988.321 | 3.2 | 25 | 250.0 | 1632 | 142 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079835-010C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212785 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126462 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 1/8/2026 | SeqNo: | 7338211 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 1917.079 | 3.2 | 25 | 250.0 | 1698 | 87.6 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079860
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Surface Water
Batch No.: 126197

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079835 / N079860
Test Method: EPA 6020
Analysis Date: 1/8/2026

Matrix: Surface Water
Batch No.: 126462

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-010C DT 125x | Chromium | Cr | µg/L | 1715.014 | PASS | 1698.16 | 0.99% | 10 |

01/08/2026

Note: NA - Not Applicable

01/08/26 19:33

N079835_6020_126462_DT

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-113-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 3:24:00 PM |
| **Lab ID:** | N079860-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 5.3 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 06:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-157-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 2:40:00 PM |
| **Lab ID:** | N079860-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 8.0 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 06:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38S-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:02:00 AM |
| **Lab ID:** | N079860-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 5.8 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 07:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:53:00 AM |
| **Lab ID:** | N079860-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 12 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 07:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 10:17:00 AM |
| **Lab ID:** | N079860-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** | QC Batch: **R212109** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 07:33 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R212109_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7307360 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R212109_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7307361 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.338 | 0.024 | 0.050 | 1.250 | 0 | 107 | 90 | 110 | | | | | |

| Sample ID | N079861-003CDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7307368 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 11.345 | 0.24 | 0.50 | | | | | | 11.41 | 0.571 | 20 | | |

| Sample ID | N079859-001CMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7307370 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 7.067 | 0.12 | 0.25 | 6.250 | 1.096 | 95.5 | 80 | 120 | | | | | |

| Sample ID | N079881-001GMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7307372 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 42.968 | 0.48 | 1.0 | 25.00 | 17.70 | 101 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079881-001GMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307375 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 43.298 | 0.48 | 1.0 | 25.00 | 17.70 | 102 | 80 | 120 | 42.97 | 0.765 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-113-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 3:24:00 PM |
| **Lab ID:** | N079860-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | 1.3 | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 06:51 PM |
| Manganese | 8.5 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 06:51 PM |
| Molybdenum | 3.5 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 06:51 PM |
| Selenium | 4.2 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 06:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-95-157-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 2:40:00 PM |
| **Lab ID:** | N079860-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 07:02 PM |
| Manganese | 1.0 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 07:02 PM |
| Molybdenum | 5.3 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 07:02 PM |
| Selenium | 6.3 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 07:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-24BR-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 8:30:00 AM |
| **Lab ID:** | N079860-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 07:14 PM |
| Manganese | 80 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 07:14 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38S-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:02:00 AM |
| **Lab ID:** | N079860-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: | **12/20/2025** | Analyst: **DJ** |
| Arsenic | 2.9 | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 08:07 PM |
| Manganese | 4.2 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 08:07 PM |
| Molybdenum | 6.6 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 08:07 PM |
| Selenium | 4.7 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 08:07 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 11:53:00 AM |
| **Lab ID:** | N079860-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | 0.84 | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 09:40 AM |
| Manganese | 0.76 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 08:18 PM |
| Molybdenum | 1.4 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 08:18 PM |
| Selenium | 5.0 | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 08:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-11-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 9:30:00 AM |
| **Lab ID:** | N079860-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | 0.89 | 0.067 | 0.10 | | µg/L | 1 | 12/31/2025 09:45 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 08:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-11D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 8:59:00 AM |
| **Lab ID:** | N079860-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | | PrepDate: **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 08:59 PM |
| Manganese | 2.8 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 08:59 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-38D-Q425 |
| **Lab Order:** | N079860 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 12/18/2025 10:17:00 AM |
| **Lab ID:** | N079860-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251230E** | QC Batch: **126197** | | | PrepDate: | **12/20/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 09:11 PM |
| Manganese | 15 | 0.046 | 0.50 | | µg/L | 1 | 12/30/2025 09:11 PM |
| Molybdenum | 55 | 0.063 | 0.50 | | µg/L | 1 | 12/30/2025 09:11 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/30/2025 09:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **LCS-126197** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **LCSW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327803**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.321 | 0.067 | 0.10 | 10.00 | 0 | 93.2 | 85 | 115 | | | | |
| Manganese | 94.389 | 0.046 | 0.50 | 100.0 | 0 | 94.4 | 85 | 115 | | | | |
| Molybdenum | 9.251 | 0.063 | 0.50 | 10.00 | 0 | 92.5 | 85 | 115 | | | | |
| Selenium | 9.181 | 0.29 | 0.50 | 10.00 | 0 | 91.8 | 85 | 115 | | | | |

Sample ID **N079835-009CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327813**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.725 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | | | | |
| Manganese | 88.620 | 0.046 | 0.50 | 100.0 | 0.8557 | 87.8 | 75 | 125 | | | | |
| Molybdenum | 63.562 | 0.063 | 0.50 | 10.00 | 52.24 | 113 | 75 | 125 | | | | |
| Selenium | 9.566 | 0.29 | 0.50 | 10.00 | 0.8585 | 87.1 | 75 | 125 | | | | |

Sample ID **N079835-009CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327816**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.415 | 0.067 | 0.10 | 10.00 | 0 | 94.2 | 75 | 125 | 8.725 | 7.61 | 20 | |
| Manganese | 91.953 | 0.046 | 0.50 | 100.0 | 0.8557 | 91.1 | 75 | 125 | 88.62 | 3.69 | 20 | |
| Molybdenum | 61.417 | 0.063 | 0.50 | 10.00 | 52.24 | 91.8 | 75 | 125 | 63.56 | 3.43 | 20 | |
| Selenium | 10.538 | 0.29 | 0.50 | 10.00 | 0.8585 | 96.8 | 75 | 125 | 9.566 | 9.67 | 20 | |

Sample ID **MB-126197** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/20/2025** RunNo: **212526**
Client ID: **PBW** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7328237**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-126197 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212526 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126197 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7328237 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079860
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N079835-009C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212526**
Client ID: **ZZZZZZ** Batch ID: **126197** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7327808**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.280 | 0.067 | 0.10 | 10.00 | 0 | 92.8 | 80 | 120 | | | | |
| Manganese | 86.801 | 0.046 | 0.50 | 100.0 | 0.8557 | 85.9 | 80 | 120 | | | | |
| Molybdenum | 63.663 | 0.063 | 0.50 | 10.00 | 52.24 | 114 | 80 | 120 | | | | |
| Selenium | 9.542 | 0.29 | 0.50 | 10.00 | 0.8585 | 86.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079860
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Surface Water
Batch No.: 126197

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mn, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079835-009C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079835-009C DT 5x | Manganese | Mn | µg/L | 1.081431 | NA | 0.8556767 | 26.38% | 10 |
| N079835-009C DT 5x | Molybdenum | Mo | µg/L | 53.61931 | PASS | 52.23809 | 2.64% | 10 |
| N079835-009C DT 5x | Selenium | Se | µg/L | 0 | NA | 0.8585459 | 100.00% | 10 |
| N079835-009C DT 125x | Chromium | Cr | µg/L | 1672.165 | PASS | 1632.215 | 2.45% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 1/6/2026 12:00 AM
FOLDER R: 12/18/2025
N079860-013A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirements |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD; Geotracker; Labspec; Others ✓ (Specify: RWQCB) |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | RTNE; RWQCB ✓; CalTrans; LEVEL III; LEVEL IV; Regulatory |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Global ID: Specify State: |
| Submitted By: Riggie Tep | Phone: 720.344.3771 Fax: | Phone: Fax: | |
| Title: Field Tech | | | |
| Signature: Date: 12-18-25 | Sampled By: Riggie Tep | | |

I hereby authorize ASSET Labs to perform the tests indicated below.

I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for

| | | | |
|---|---|---|---|
| Project Name: PG&E Topock - RCM | Signature: | Date: 12-18-25 | |
| Project Number: 30251660 | | | |

Matrix: Ground; Potable; NPDES; Surface X; Sediment; Soil; Other Solid

| | |
|---|---|
| 1. Chilled | Y ✓ N |
| 2. Headspace | |
| 3. Container Intact | |
| 4. Seal Present | |
| 5. IR number | |
| 6. Method of Cooling: | Ice |
| Sample Temp: | 1.5/0.8 °C |
| Courier: | FedEx |
| Tracking No.: | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate (EPA 300.0) (1L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 molybdenum, selenium (500mL poly) | Nitrate/Nitrite (SM4500N03) Nitrogen; H2SO4 (125 mL poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079860-001 | MW-95-113-Q425 | 12/18/2025 | 15:24 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 2 | -002 | MW-95-157-Q425 | 12/18/2025 | 14:40 | | X | X | X | X | | X | | E | 4 | P | BN | |
| 3 | -003 | MW-24BR-Q425 | 12/18/2025 | 8:30 | | X | | | X | | | X | E | 2 | P | BN | |
| 4 | -004 | MW-96-045-Q425 | 12/18/2025 | 12:08 | | X | | | X | | | | E | 2 | P | BN | |
| 5 | -005 | MW-96-217-Q425 | 12/18/2025 | 11:22 | | X | | | X | | | | E | 2 | P | BN | |
| | -006 | EB-761-Q425 | 12/18/2025 | 16:00 | | X | | | | | | | E | 1 | P | BN | ~~MSMSD~~ |
| 7 | -007 | MW-38S-Q425 | 12/18/2025 | 11:02 | | X | X | X | X | | | | E | 3 | P | BN | |
| 8 | | | ~~12/18/2025~~ | | | | | | | | | | E | ~~3~~ | P | ~~BN~~ | |
| 9 | | | ~~12/18/2025~~ | | | | | | | | | | E | ~~3~~ | P | ~~BN~~ | |
| 10 | -008 | MW-10D-Q425 | 12/18/2025 | 11:53 | | X | X | X | X | | | | E | 3 | P | BN | |
| 11 | -009 | MW-11-Q425 | 12/18/2025 | 9:30 | | X | | | X | | | X | E | 2 | P | BN | ~~MSMSD~~ |
| 12 | -010 | MW-11D-Q425 | 12/18/2025 | 8:59 | | X | | | X | | | X | E | 2 | P | BN | |
| 13 | -011 | MW-38D-Q425 | 12/18/2025 | 10:17 | | X | X | X | X | | | | E | 3 | P | BN | |
| 14 | -012 | EB-763-Q425 | 12/18/2025 | 15:20 | | X | | | | | | | E | 1 | P | BN | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggie Tep | 12-18-25 16:35 | Mahfuzur Rahman | 12/18/25 1635 |
| Mahfuzur Rahman | 12/18/25 1935 | Mahfuzur Rahman | 12/18/25 1935 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/18/2025 Workorder: N079860

Rep sample Temp (Deg C): 1.5/0.8 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

for:

Checklist Completed By: VM Jana Carganilla

12/19/2025

For:

Reviewed By: MBC Mary Ann Yarra

12/29/2025

# ASSET Laboratories

## WORK ORDER Summary

*19-Dec-25*

**WorkOrder:** N079860

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079860-001A | MW-95-113-Q425 | 12/18/2025 3:24:00 PM | 1/6/2026 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-001B | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079860-001C | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-001D | | | 1/6/2026 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079860-002A | MW-95-157-Q425 | 12/18/2025 2:40:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-002B | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079860-002C | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-002D | | | 1/6/2026 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079860-003A | MW-24BR-Q425 | 12/18/2025 8:30:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-003B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-004A | MW-96-045-Q425 | 12/18/2025 12:08:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-004B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-005A | MW-96-217-Q425 | 12/18/2025 11:22:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-005B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*19-Dec-25*

**WorkOrder:** N079860

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079860-005B | MW-96-217-Q425 | 12/18/2025 11:22:00 AM | 1/6/2026 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-006A | EB-761-Q425 | 12/18/2025 4:00:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-007A | MW-38S-Q425 | 12/18/2025 11:02:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-007B | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079860-007C | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-008A | MW-10D-Q425 | 12/18/2025 11:53:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-008B | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079860-008C | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-009A | MW-11-Q425 | 12/18/2025 9:30:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-009B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-010A | MW-11D-Q425 | 12/18/2025 8:59:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-010B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-011A | MW-38D-Q425 | 12/18/2025 10:17:00 AM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-011B | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*19-Dec-25*

**WorkOrder:** N079860

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079860-011C | MW-38D-Q425 | 12/18/2025 10:17:00 AM | 1/6/2026 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079860-012A | EB-763-Q425 | 12/18/2025 3:20:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079860-013A | FOLDER | 1/6/2026 | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

**ASSET Laboratories**
*3151-3153 W Post Rd., Las Vegas, NV 89118*
*www.atl-labs.com*
*TEL: 7023072659* *FAX: 7023072691*

# CHAIN-OF-CUSTODY RECORD



**QC Level: Level IV**

**Subcontractor:**

Pace Analytical
4100 Altlas Court
Bakersfield, CA 93308

TEL: (661) 327-4911
FAX: (661) 327-1918
Acct #:

Field Sampler: Riggie Tep

**19-Dec-25**

| | | | | Nitrate/Nitrite by EPA 353.2 **Requested Tests** | | |
|---|---|---|---|---|---|---|
| **Sample ID** | **Matrix** | **Date Collected** | **Bottle Type** | **SM4500-NO3F** | | |
| N079860-001D / MW-95-113-Q425 | Surface Water | 12/18/2025 3:24:00 PM | 4OZG | 1 | | |
| N079860-002D / MW-95-157-Q425 | Surface Water | 12/18/2025 2:40:00 PM | 4OZG | 1 | | |

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N79860A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by: Standard TAT.

Please analyze for Nitrate/Nitrite as Nitrogen by EPA 353.2. EDD requirement Labspec7 edata. **GLS#563891898**

| | | Date/Time | | Date/Time |
|---|---|---|---|---|
| **Relinquished by:** | Marcus C | 12/22/2025 16:00 | **Received by:** | |
| **Relinquished by:** | | | **Received by:** | |

January 07, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079861

RE: PG&E Topock - Phase 2, 30251660

Attention: Laura Madsen

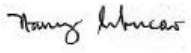
Enclosed are the results for sample(s) received on December 18, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Calcium in QC sample N079957-001B-MS1 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Potassium in QC samples N079834-001B-MS2/MSD2 and N079861-007B-MS2/ MSD2 possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N079834-001B-MS2/MSD2 and N079861-007B-MS2/ MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) is outside recovery criteria for Manganese in QC sample N079955-001BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Nickel at lower dilution possibly due to matrix interference. The whole batch was reanalyzed for Nickel and PS/MS/MSD at 5x dilution was recovered at above 60%. Thus sample reference and MS/MSD were reported at 5x dilution. The associated Laboratory Control Sample (LCS) recovery was acceptable.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - Phase 2, 30251660
**Lab Order:** N079861
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079861-001A | FW-02B-127-Q425 | Groundwater | 12/18/2025 3:31:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-001B | FW-02B-127-Q425 | Groundwater | 12/18/2025 3:31:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-001C | FW-02B-127-Q425 | Groundwater | 12/18/2025 3:31:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-002A | MWP-08-Q425 | Groundwater | 12/18/2025 1:46:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-002B | MWP-08-Q425 | Groundwater | 12/18/2025 1:46:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-002C | MWP-08-Q425 | Groundwater | 12/18/2025 1:46:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-002D | MWP-08-Q425 | Groundwater | 12/18/2025 1:46:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-003A | MW-905-Q425 | Groundwater | 12/18/2025 3:41:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-003B | MW-905-Q425 | Groundwater | 12/18/2025 3:41:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-003C | MW-905-Q425 | Groundwater | 12/18/2025 3:41:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-004A | EB-762-Q425 | Groundwater | 12/18/2025 3:51:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-005A | MW-88-107-Q425 | Groundwater | 12/18/2025 2:11:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-005B | MW-88-107-Q425 | Groundwater | 12/18/2025 2:11:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-005C | MW-88-107-Q425 | Groundwater | 12/18/2025 2:11:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-006A | MW-09-Q425 | Groundwater | 12/18/2025 1:24:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-006B | MW-09-Q425 | Groundwater | 12/18/2025 1:24:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-006C | MW-09-Q425 | Groundwater | 12/18/2025 1:24:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-007A | MW-10-Q425 | Groundwater | 12/18/2025 12:31:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-007B | MW-10-Q425 | Groundwater | 12/18/2025 12:31:00 PM | 12/18/2025 | 1/7/2026 |
| N079861-007C | MW-10-Q425 | Groundwater | 12/18/2025 12:31:00 PM | 12/18/2025 | 1/7/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **SPECIFIC CONDUCTANCE** | | | | | | | |
| | | | **EPA 120.1** | | | | |
| RunID: **NV00922-CM01_251219A** | QC Batch: **R212069** | | | PrepDate: | | | Analyst: **LGS** |
| Specific Conductance | 8600 | 0.10 | 0.10 | | umhos/cm | 1 | 12/19/2025 11:30 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 120.1_WPGE**

Sample ID **N079861-002DDUP** SampType: **DUP** TestCode: **120.1_WPGE** Units: **umhos/cm** Prep Date: RunNo: **212069**
Client ID: **ZZZZZZ** Batch ID: **R212069** TestNo: **EPA 120.1** Analysis Date: **12/19/2025** SeqNo: **7300445**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Specific Conductance | 8590.000 | 0.10 | 0.10 | | | | | | 8560 | 0.350 | 2 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | FW-02B-127-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:31:00 PM |
| **Lab ID:** | N079861-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 1000 | 13 | 13 | | mg/L | 1 | 12/22/2025 10:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 5500 | 50 | 50 | | mg/L | 1 | 12/22/2025 10:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-905-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:41:00 PM |
| **Lab ID:** | N079861-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 1100 | 13 | 13 | | mg/L | 1 | 12/22/2025 10:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-88-107-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 2:11:00 PM |
| **Lab ID:** | N079861-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 490 | 10 | 10 | | mg/L | 1 | 12/22/2025 10:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-09-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:24:00 PM |
| **Lab ID:** | N079861-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 1900 | 25 | 25 | | mg/L | 1 | 12/22/2025 10:50 AM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 12:31:00 PM |
| **Lab ID:** | N079861-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251222F** | QC Batch: **126228** | | | PrepDate: | **12/22/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 820 | 10 | 10 | | mg/L | 1 | 12/22/2025 10:50 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID | LCS-126228 | SampType: | LCS | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/22/2025 | RunNo: | 212239 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126228 | TestNo: | SM2540C | | | Analysis Date: | 12/22/2025 | SeqNo: | 7312663 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 980.000 | 10 | 10 | 1000 | 0 | 98.0 | 80 | 120 | | | | |

| Sample ID | MB-126228 | SampType: | MBLK | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/22/2025 | RunNo: | 212239 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126228 | TestNo: | SM2540C | | | Analysis Date: | 12/22/2025 | SeqNo: | 7312664 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID | N079881-001GDUP | SampType: | DUP | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/22/2025 | RunNo: | 212239 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126228 | TestNo: | SM2540C | | | Analysis Date: | 12/22/2025 | SeqNo: | 7312675 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 6095.000 | 50 | 50 | | | | | | 6200 | 1.71 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | FW-02B-127-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:31:00 PM |
| **Lab ID:** | N079861-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** QC Batch: **R212089** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 23 | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 03:47 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126254** | | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Chromium | 23 | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 08:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251223A** | QC Batch: **R212299** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 170 | 0.77 | 4.0 | | µg/L | 20 | 12/23/2025 04:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-905-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:41:00 PM |
| **Lab ID:** | N079861-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** QC Batch: **R212089** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 23 | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 04:25 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126254** | | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Chromium | 24 | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 08:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-762-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:51:00 PM |
| **Lab ID:** | N079861-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/19/2025 04:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-88-107-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 2:11:00 PM |
| **Lab ID:** | N079861-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251222A** QC Batch: **R212232** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 34 | 0.19 | 1.0 | | µg/L | 5 | 12/22/2025 04:53 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126254** | | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Chromium | 32 | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 08:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-09-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:24:00 PM |
| **Lab ID:** | N079861-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** QC Batch: **R212089** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 56 | 0.19 | 1.0 | | µg/L | 5 | 12/19/2025 05:22 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226C** QC Batch: **126254** | | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Chromium | 53 | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 08:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 12:31:00 PM |
| **Lab ID:** | N079861-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251219A** | QC Batch: **R212089** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 4900 | 77 | 400 | | µg/L | 2000 | 12/19/2025 05:41 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251230F** | QC Batch: **126254** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Chromium | 4200 | 13 | 100 | | µg/L | 100 | 12/30/2025 02:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212089 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301212 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212089 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301213 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.960 | 0.039 | 0.20 | 5.000 | 0 | 99.2 | 90 | 110 | | | | | |

| Sample ID | N079835-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301217 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2835.140 | 7.7 | 40 | 1000 | 1816 | 102 | 90 | 110 | | | | | |

| Sample ID | N079835-009AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301218 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2823.520 | 7.7 | 40 | 1000 | 1816 | 101 | 90 | 110 | 2835 | 0.411 | 20 | | |

| Sample ID | N079835-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301220 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2825.320 | 7.7 | 40 | 1000 | 1823 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079835-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301222 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.039 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | | |

| Sample ID | N079835-007ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301224 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 676.290 | 3.9 | 20 | | | | | | 691.3 | 2.20 | 20 | | |

| Sample ID | N079835-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301225 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1204.420 | 3.9 | 20 | 500.0 | 691.3 | 103 | 90 | 110 | | | | | |

| Sample ID | N079835-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301229 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 56.731 | 0.19 | 1.0 | 25.00 | 31.22 | 102 | 90 | 110 | | | | | |

| Sample ID | N079834-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301231 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 6.061 | 0.19 | 1.0 | 5.000 | 1.058 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079861-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301237 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 48.108 | 0.19 | 1.0 | 25.00 | 22.82 | 101 | 90 | 110 | | | | | |

| Sample ID | N079861-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301239 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 48.103 | 0.19 | 1.0 | 25.00 | 22.69 | 102 | 90 | 110 | | | | | |

| Sample ID | N079861-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301241 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | | |

| Sample ID | N079861-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301243 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 80.483 | 0.19 | 1.0 | 25.00 | 55.71 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N079861-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212089 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212089 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7301247 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 14945.800 | 77 | 400 | 10000 | 4927 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **N079862-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212089** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212089** | TestNo: **EPA 218.6** | | Analysis Date: **12/19/2025** | SeqNo: **7301249** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.008 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID **N079862-002AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212089** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212089** | TestNo: **EPA 218.6** | | Analysis Date: **12/19/2025** | SeqNo: **7301251** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.118 | 0.039 | 0.20 | 1.000 | 0.1089 | 101 | 90 | 110 | | | | |

| Sample ID **N079862-003AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **212089** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R212089** | TestNo: **EPA 218.6** | | Analysis Date: **12/19/2025** | SeqNo: **7301253** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.998 | 0.039 | 0.20 | 1.000 | 0 | 99.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212232 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312517 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212232 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312518 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.096 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079835-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312522 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1412.920 | 3.9 | 20 | 500.0 | 910.1 | 101 | 90 | 110 | | | | | |

| Sample ID | N079835-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312524 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.860 | 0.039 | 0.20 | 1.000 | 0.8878 | 97.2 | 90 | 110 | | | | | |

| Sample ID | N079836-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312532 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.983 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079836-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312533 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079861-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312537 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 59.292 | 0.19 | 1.0 | 25.00 | 33.77 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079861-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312538 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 59.456 | 0.19 | 1.0 | 25.00 | 33.77 | 103 | 90 | 110 | 59.29 | 0.276 | 20 | | | |

| Sample ID | N079860-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312539 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1977.760 | 7.7 | 40 | 1000 | 1025 | 95.2 | 90 | 110 | | | | | | |

| Sample ID | N079860-009ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312541 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1005.440 | 7.7 | 40 | | | | | | 1025 | 1.96 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312542 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 53.549 | 0.19 | 1.0 | 25.00 | 28.78 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N079860-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312543 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 496.375 | 1.9 | 10 | 250.0 | 253.6 | 97.1 | 90 | 110 | | | | | |

| Sample ID | N079860-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312544 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 817.845 | 1.9 | 10 | 250.0 | 560.0 | 103 | 90 | 110 | | | | | |

| Sample ID | N079860-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312547 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 7.740 | 0.039 | 0.20 | 5.000 | 2.912 | 96.5 | 90 | 110 | | | | | |

| Sample ID | N079860-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7312549 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.1520 | 97.9 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312551 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.1626 | 94.2 | 90 | 110 | | | | | | |

| Sample ID | N079893-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312553 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 466.095 | 1.9 | 10 | 250.0 | 204.6 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079860-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312559 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.217 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079860-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312561 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.020 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | | | |

| Sample ID | N079836-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212232 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7312562 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.151 | 0.039 | 0.20 | 1.000 | 0.1720 | 97.9 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079957-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212232 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212232 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7312564 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 14.033 | 0.039 | 0.20 | 5.000 | 9.004 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212299 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | | SeqNo: | 7315224 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | | |

| Sample ID | LCS-R212299 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | | SeqNo: | 7315225 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.899 | 0.039 | 0.20 | 5.000 | 0 | 98.0 | 90 | 110 | | | | | | |

| Sample ID | N079955-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | | SeqNo: | 7315229 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.953 | 0.039 | 0.20 | 1.000 | 0 | 95.3 | 90 | 110 | | | | | | |

| Sample ID | N079955-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | | SeqNo: | 7315230 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.912 | 0.039 | 0.20 | 1.000 | 0 | 91.2 | 90 | 110 | 0.9534 | 4.46 | 20 | | | |

| Sample ID | N079955-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | | SeqNo: | 7315232 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079955-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212299 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7315233 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.950 | 0.039 | 0.20 | 1.000 | 0 | 95.0 | 90 | 110 | | | | |

| Sample ID | N079954-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212299 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7315236 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.421 | 0.039 | 0.20 | 1.000 | 0.4478 | 97.3 | 90 | 110 | | | | |

| Sample ID | N079954-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212299 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7315238 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.982 | 0.039 | 0.20 | 1.000 | 0 | 98.2 | 90 | 110 | | | | |

| Sample ID | N079954-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212299 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7315240 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.946 | 0.039 | 0.20 | 1.000 | 0 | 94.6 | 90 | 110 | | | | |

| Sample ID | N079860-002ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212299 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | SeqNo: | 7315242 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 13.345 | 0.19 | 1.0 | | | | | | 13.09 | 1.93 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079860-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315243 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 38.276 | 0.19 | 1.0 | 25.00 | 13.09 | 101 | 90 | 110 | | | | | |

| Sample ID | N079861-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315248 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 266.700 | 0.77 | 4.0 | 100.0 | 169.3 | 97.4 | 90 | 110 | | | | | |

| Sample ID | N079859-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315250 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 6.437 | 0.19 | 1.0 | 5.000 | 1.276 | 103 | 90 | 110 | | | | | |

| Sample ID | N079860-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315252 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.768 | 0.19 | 1.0 | 5.000 | 0.7100 | 101 | 90 | 110 | | | | | |

| Sample ID | N079955-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315254 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.060 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079955-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315256 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.075 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N079955-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315261 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.09660 | 99.0 | 90 | 110 | | | | | | |

| Sample ID | N079860-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212299 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212299 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/23/2025 | | SeqNo: | 7315262 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 38.245 | 0.19 | 1.0 | 25.00 | 13.37 | 99.5 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-126254 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322390 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126254 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322391 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.124 | 0.13 | 1.0 | 10.00 | 0 | 101 | 85 | 115 | | | | |

| Sample ID | N079955-001BMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322409 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.908 | 0.13 | 1.0 | 10.00 | 0.1297 | 97.8 | 75 | 125 | | | | |

| Sample ID | N079955-001BMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322412 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.834 | 0.13 | 1.0 | 10.00 | 0.1297 | 97.0 | 75 | 125 | 9.908 | 0.758 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079955-001B-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322408 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.957 | 0.13 | 1.0 | 10.00 | 0.1297 | 98.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6020
Analysis Date: 12/26,27,30/2025

Matrix: Groundwater
Batch No.: 126254

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079955-001B DT 5x | Antimony | Sb | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Barium | Ba | µg/L | 82.98337 | PASS | 80.99858 | 2.45% | 10 |
| N079955-001B DT 5x | Cadmium | Cd | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Cobalt | Co | µg/L | 0.3617251 | NA | 0.3182356 | 13.67% | 10 |
| N079955-001B DT 5x | Copper | Cu | µg/L | 1.753707 | NA | 1.980398 | 11.45% | 10 |
| N079955-001B DT 5x | Lead | Pb | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Molybdenum | Mo | µg/L | 79.84172 | PASS | 81.22516 | 1.70% | 10 |
| N079955-001B DT 5x | Selenium | Se | µg/L | 0 | NA | 0.4529005 | 100.00% | 10 |
| N079955-001B DT 5x | Silver | Ag | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Thallium | Tl | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Vanadium | V | µg/L | 0.3449654 | NA | 0.187637 | 83.85% | 10 |
| N079955-001B DT 5x | Zinc | Zn | µg/L | 0 | NA | 0.836746 | 100.00% | 10 |
| N079955-001B DT 5x | Beryllium | Be | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 125x | Manganese | Mn | µg/L | 1068.504 | PASS | 1098.375 | 2.72% | 10 |
| N079955-001B DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1297194 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | FW-02B-127-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:31:00 PM |
| **Lab ID:** | N079861-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 94 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 70 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-905-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:41:00 PM |
| **Lab ID:** | N079861-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 93 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-88-107-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 2:11:00 PM |
| **Lab ID:** | N079861-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 160 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-09-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:24:00 PM |
| **Lab ID:** | N079861-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 89 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 12:31:00 PM |
| **Lab ID:** | N079861-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251222C** | QC Batch: **R212160** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 390 | 5.0 | 5.0 | | mg/L | 1 | 12/22/2025 01:30 PM |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID | LCS-R212160 | SampType: | LCS | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | | RunNo: | 212160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212160 | TestNo: | SM 2320 B | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307420 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Alkalinity, Total (As CaCO3) | 93.750 | 5.0 | 5.0 | 100.0 | 0 | 93.8 | 85 | 115 | | | | | |

| Sample ID | MB-R212160 | SampType: | MBLK | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | | RunNo: | 212160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212160 | TestNo: | SM 2320 B | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307421 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | | |

| Sample ID | N079861-002DDUP | SampType: | DUP | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | | RunNo: | 212160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212160 | TestNo: | SM 2320 B | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307432 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Alkalinity, Total (As CaCO3) | 70.833 | 5.0 | 5.0 | | | | | | 69.79 | 1.48 | 30 | | |

| Sample ID | N079861-002DMS | SampType: | MS | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | | RunNo: | 212160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212160 | TestNo: | SM 2320 B | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307433 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Alkalinity, Total (As CaCO3) | 166.667 | 5.0 | 5.0 | 100.0 | 69.79 | 96.9 | 75 | 125 | | | | | |

| Sample ID | N079861-002DMSD | SampType: | MSD | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | | RunNo: | 212160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212160 | TestNo: | SM 2320 B | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307434 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Alkalinity, Total (As CaCO3) | 165.625 | 5.0 | 5.0 | 100.0 | 69.79 | 95.8 | 75 | 125 | 166.7 | 0.627 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** FW-02B-127-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 3:31:00 PM
**Lab ID:** N079861-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/19/2025 12:26 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 400 | 29 | 50 | | mg/L | 100 | 12/22/2025 12:20 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 12:26 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 180 | 6.9 | 10 | | mg/L | 20 | 12/22/2025 02:15 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 11 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 12:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MWP-08-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 1:46:00 PM
**Lab ID:** N079861-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2700 | 290 | 500 | | mg/L | 1000 | 12/22/2025 12:36 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 12:42 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 630 | 34 | 50 | | mg/L | 100 | 12/22/2025 02:31 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 20 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 12:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-905-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 3:41:00 PM
**Lab ID:** N079861-003
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 12/19/2025 12:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 400 | 29 | 50 | | mg/L | 100 | 12/22/2025 01:26 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 12:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 180 | 6.9 | 10 | | mg/L | 20 | 12/22/2025 02:48 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 11 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 12:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-88-107-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 2:11:00 PM
**Lab ID:** N079861-005
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/19/2025 01:15 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 82 | 5.8 | 10 | | mg/L | 20 | 12/22/2025 01:42 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 0.87 | 0.16 | 0.50 | | mg/L | 5 | 12/19/2025 01:15 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 69 | 1.7 | 2.5 | | mg/L | 5 | 12/22/2025 03:04 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 13 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 11:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-09-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 1:24:00 PM
**Lab ID:** N079861-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/19/2025 01:32 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 930 | 58 | 100 | | mg/L | 200 | 12/22/2025 01:58 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.16 | 0.50 | | mg/L | 5 | 12/19/2025 01:32 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 130 | 6.9 | 10 | | mg/L | 20 | 12/22/2025 03:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 9.7 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 02:04 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-10-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660 **Collection Date:** 12/18/2025 12:31:00 PM
**Lab ID:** N079861-007 **Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 12/19/2025 01:48 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 39 | 2.9 | 5.0 | | mg/L | 10 | 12/22/2025 10:42 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 15 | 0.32 | 1.0 | | mg/L | 10 | 12/19/2025 11:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251222A** QC Batch: **R212156** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 100 | 3.4 | 5.0 | | mg/L | 10 | 12/22/2025 10:42 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251219B** QC Batch: **R212109** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 18 | 0.24 | 0.50 | | mg/L | 10 | 12/19/2025 11:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID | MB-R212109_BR | SampType: | MBLK | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303576 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R212109_BR | SampType: | LCS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303577 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Bromide | 1.299 | 0.036 | 0.50 | 1.250 | 0 | 104 | 90 | 110 | | | | | |

| Sample ID | N079861-001CMS | SampType: | MS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303585 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Bromide | 14.297 | 0.36 | 5.0 | 12.50 | 1.016 | 106 | 80 | 120 | | | | | |

| Sample ID | N079861-001CMSD | SampType: | MSD | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303586 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Bromide | 14.272 | 0.36 | 5.0 | 12.50 | 1.016 | 106 | 80 | 120 | 14.30 | 0.175 | 20 | | |

| Sample ID | N079861-003CDUP | SampType: | DUP | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303587 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Bromide | 1.029 | 0.36 | 5.0 | | | | | | 1.032 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | MB-R212156_CL | SampType: | MBLK | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 212156 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307443 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R212156_CL | SampType: | LCS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 212156 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307444 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 1.997 | 0.29 | 0.50 | 2.000 | 0 | 99.8 | 90 | 110 | | | | | |

| Sample ID | N079861-007CDUP | SampType: | DUP | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 212156 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307446 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 39.185 | 2.9 | 5.0 | | | | | | 39.39 | 0.529 | 20 | | |

| Sample ID | N079861-007CMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 212156 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307447 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 59.863 | 2.9 | 5.0 | 20.00 | 39.39 | 102 | 80 | 120 | | | | | |

| Sample ID | N079861-007CMSD | SampType: | MSD | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 212156 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | | SeqNo: | 7307448 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 59.862 | 2.9 | 5.0 | 20.00 | 39.39 | 102 | 80 | 120 | 59.86 | 0.00167 | 20 | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID | MB-R212109_F | SampType: | MBLK | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303549 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | | |

| Sample ID | LCS-R212109_F | SampType: | LCS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303550 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 1.299 | 0.032 | 0.10 | 1.250 | 0 | 104 | 90 | 110 | | | | | |

| Sample ID | N079861-001CMS | SampType: | MS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303558 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 13.088 | 0.32 | 1.0 | 12.50 | 0.5860 | 100 | 80 | 120 | | | | | |

| Sample ID | N079861-001CMSD | SampType: | MSD | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303559 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 13.241 | 0.32 | 1.0 | 12.50 | 0.5860 | 101 | 80 | 120 | 13.09 | 1.16 | 20 | | |

| Sample ID | N079861-003CDUP | SampType: | DUP | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 212109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | | SeqNo: | 7303560 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 0.737 | 0.32 | 1.0 | | | | | | 0.6150 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R212156_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 212156 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | SeqNo: | 7307462 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R212156_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 212156 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | SeqNo: | 7307463 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.938 | 0.34 | 0.50 | 4.000 | 0 | 98.5 | 90 | 110 | | | | |

| Sample ID | N079861-007CDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 212156 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | SeqNo: | 7307465 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 99.615 | 3.4 | 5.0 | | | | | | 102.8 | 3.14 | 20 | |

| Sample ID | N079861-007CMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 212156 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | SeqNo: | 7307466 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 138.961 | 3.4 | 5.0 | 40.00 | 102.8 | 90.4 | 80 | 120 | | | | |

| Sample ID | N079861-007CMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 212156 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212156 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/22/2025 | SeqNo: | 7307467 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 139.465 | 3.4 | 5.0 | 40.00 | 102.8 | 91.7 | 80 | 120 | 139.0 | 0.362 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R212109_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307360 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID | LCS-R212109_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307361 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.338 | 0.024 | 0.050 | 1.250 | 0 | 107 | 90 | 110 | | | | |

| Sample ID | N079861-003CDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307368 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 11.345 | 0.24 | 0.50 | | | | | | 11.41 | 0.571 | 20 | |

| Sample ID | N079859-001CMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307370 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 7.067 | 0.12 | 0.25 | 6.250 | 1.096 | 95.5 | 80 | 120 | | | | |

| Sample ID | N079881-001GMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307372 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 42.968 | 0.48 | 1.0 | 25.00 | 17.70 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079881-001GMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 212109 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212109 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/19/2025 | SeqNo: | 7307375 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 43.298 | 0.48 | 1.0 | 25.00 | 17.70 | 102 | 80 | 120 | 42.97 | 0.765 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL PHOSPHORUS** | | | | | | | |
| | | | **EPA 365.3** | | | | |
| RunID: **NV00922-SP1_251222A** | QC Batch: **126212** | | | PrepDate: | **12/22/2025** | | Analyst: **LB** |
| Phosphorus, Total (As P) | ND | 0.011 | 0.020 | | mg/L | 1 | 12/22/2025 |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 365.3_W_TPGE**

| Sample ID **LCS-126212** | SampType: **LCS** | TestCode: **365.3_W_TP** | Units: **mg/L** | Prep Date: **12/22/2025** | RunNo: **212165** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126212** | TestNo: **EPA 365.3** | | Analysis Date: **12/22/2025** | SeqNo: **7307950** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus, Total (As P) | 0.387 | 0.011 | 0.020 | 0.4000 | 0 | 96.8 | 75 | 125 | | | | |

| Sample ID **MB-126212** | SampType: **MBLK** | TestCode: **365.3_W_TP** | Units: **mg/L** | Prep Date: **12/22/2025** | RunNo: **212165** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126212** | TestNo: **EPA 365.3** | | Analysis Date: **12/22/2025** | SeqNo: **7307951** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus, Total (As P) | ND | 0.011 | 0.020 | | | | | | | | | |

| Sample ID **N079861-002B-MS** | SampType: **MS** | TestCode: **365.3_W_TP** | Units: **mg/L** | Prep Date: **12/22/2025** | RunNo: **212165** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126212** | TestNo: **EPA 365.3** | | Analysis Date: **12/22/2025** | SeqNo: **7307953** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus, Total (As P) | 0.379 | 0.011 | 0.020 | 0.4000 | 0 | 94.8 | 75 | 125 | | | | |

| Sample ID **N079861-002B-MSD** | SampType: **MSD** | TestCode: **365.3_W_TP** | Units: **mg/L** | Prep Date: **12/22/2025** | RunNo: **212165** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126212** | TestNo: **EPA 365.3** | | Analysis Date: **12/22/2025** | SeqNo: **7307954** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus, Total (As P) | 0.381 | 0.011 | 0.020 | 0.4000 | 0 | 95.2 | 75 | 125 | 0.3790 | 0.526 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | FW-02B-127-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:31:00 PM |
| **Lab ID:** | N079861-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HARDNESS BY CALCULATION** | | | | | | | |
| | **EPA 3010A** | | | **SM 2340 B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Hardness, Calcium (As CaCO3) | 400 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:14 PM |
| Hardness, Magnesium (As CaCO3) | 170 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:14 PM |
| Total Hardness (As CaCO3) | 580 | 1.0 | 1.0 | | mg/L | 1 | 12/25/2025 10:14 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | 26 | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:14 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Boron | 0.26 | 0.052 | 0.10 | | mg/L | 1 | 12/25/2025 10:14 PM |
| Calcium | 160 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:14 PM |
| Magnesium | 42 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:14 PM |
| Potassium | 13 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:25 PM |
| Sodium | 180 | 2.8 | 12 | | mg/L | 25 | 12/28/2025 10:23 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MWP-08-Q425
**Lab Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660
**Collection Date:** 12/18/2025 1:46:00 PM
**Lab ID:** N079861-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | | PrepDate: **12/23/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:16 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | | PrepDate: **12/23/2025** | | Analyst: **DJ** |
| Calcium | 1100 | 0.34 | 2.5 | | mg/L | 5 | 12/25/2025 10:28 PM |
| Magnesium | 280 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:16 PM |
| Potassium | 36 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:28 PM |
| Sodium | 490 | 5.7 | 25 | | mg/L | 50 | 12/28/2025 10:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-905-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:41:00 PM |
| **Lab ID:** | N079861-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HARDNESS BY CALCULATION** | | | | | | | |
| | **EPA 3010A** | | | **SM 2340 B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Hardness, Calcium (As CaCO3) | 410 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:30 PM |
| Hardness, Magnesium (As CaCO3) | 180 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:30 PM |
| Total Hardness (As CaCO3) | 590 | 1.0 | 1.0 | | mg/L | 1 | 12/25/2025 10:30 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:30 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Boron | 0.27 | 0.052 | 0.10 | | mg/L | 1 | 12/25/2025 10:30 PM |
| Calcium | 170 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:30 PM |
| Magnesium | 43 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:30 PM |
| Potassium | 15 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:31 PM |
| Sodium | 170 | 2.8 | 12 | | mg/L | 25 | 12/28/2025 10:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-88-107-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 2:11:00 PM |
| **Lab ID:** | N079861-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HARDNESS BY CALCULATION** | | | | | | | |
| | **EPA 3010A** | | | **SM 2340 B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Hardness, Calcium (As CaCO3) | 60 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:33 PM |
| Hardness, Magnesium (As CaCO3) | 14 | 0.50 | 0.50 | | mg/L | 1 | 12/25/2025 10:33 PM |
| Total Hardness (As CaCO3) | 74 | 1.0 | 1.0 | | mg/L | 1 | 12/25/2025 10:33 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225B** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Iron | 21 | 5.8 | 20 | | µg/L | 1 | 12/25/2025 10:33 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251225A** | QC Batch: **126256** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Boron | 0.20 | 0.052 | 0.10 | | mg/L | 1 | 12/25/2025 10:33 PM |
| Calcium | 24 | 0.068 | 0.50 | | mg/L | 1 | 12/25/2025 10:33 PM |
| Magnesium | 3.4 | 0.013 | 0.10 | | mg/L | 1 | 12/25/2025 10:33 PM |
| Potassium | 6.6 | 0.45 | 2.5 | | mg/L | 5 | 12/28/2025 09:34 PM |
| Sodium | 170 | 2.8 | 12 | | mg/L | 25 | 12/28/2025 10:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-09-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:24:00 PM |
| **Lab ID:** | N079861-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251230B** | QC Batch: **126331** | | | | PrepDate: **12/29/2025** | | Analyst: **DJ** |
| Calcium | 150 | 0.068 | 0.50 | | mg/L | 1 | 12/30/2025 01:14 PM |
| Magnesium | 40 | 0.013 | 0.10 | | mg/L | 1 | 12/30/2025 01:14 PM |
| Potassium | 14 | 0.45 | 2.5 | | mg/L | 5 | 1/2/2026 12:50 PM |
| Sodium | 490 | 5.7 | 25 | | mg/L | 50 | 1/2/2026 02:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 12:31:00 PM |
| **Lab ID:** | N079861-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251230B** | QC Batch: **126331** | | | | PrepDate: **12/29/2025** | | Analyst: **DJ** |
| Calcium | 40 | 0.068 | 0.50 | | mg/L | 1 | 12/30/2025 01:26 PM |
| Magnesium | 6.3 | 0.013 | 0.10 | | mg/L | 1 | 12/30/2025 01:26 PM |
| Potassium | 8.3 | 0.45 | 2.5 | | mg/L | 5 | 1/2/2026 12:53 PM |
| Sodium | 260 | 5.7 | 25 | | mg/L | 50 | 1/2/2026 01:02 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-126256 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212351 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317682 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS1-126256 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212351 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317683 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 103.100 | 5.8 | 20 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID | N079957-001B-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212351 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317702 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.420 | 5.8 | 20 | 100.0 | 0 | 106 | 75 | 125 | | | | |

| Sample ID | N079957-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212351 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317705 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 111.170 | 5.8 | 20 | 100.0 | 0 | 111 | 75 | 125 | 124.7 | 11.5 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126256 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212349 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317492 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | ND | 0.052 | 0.10 | | | | | | | | | |
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID | LCS1-126256 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212349 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317493 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.211 | 0.052 | 0.10 | 5.000 | 0 | 104 | 85 | 115 | | | | |
| Calcium | 11.056 | 0.068 | 0.50 | 10.00 | 0 | 111 | 85 | 115 | | | | |
| Magnesium | 10.760 | 0.013 | 0.10 | 10.00 | 0 | 108 | 85 | 115 | | | | |

| Sample ID | N079957-001B-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212349 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317512 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 6.162 | 0.052 | 0.10 | 5.000 | 0.7705 | 108 | 75 | 125 | | | | |
| Calcium | 102.442 | 0.068 | 0.50 | 10.00 | 86.94 | 155 | 75 | 125 | | | | S |
| Magnesium | 14.483 | 0.013 | 0.10 | 10.00 | 3.326 | 112 | 75 | 125 | | | | |

| Sample ID | N079957-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212349 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/25/2025 | SeqNo: | 7317515 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 6.078 | 0.052 | 0.10 | 5.000 | 0.7705 | 106 | 75 | 125 | 6.162 | 1.37 | 20 | |
| Calcium | 97.117 | 0.068 | 0.50 | 10.00 | 86.94 | 102 | 75 | 125 | 102.4 | 5.34 | 20 | |
| Magnesium | 14.249 | 0.013 | 0.10 | 10.00 | 3.326 | 109 | 75 | 125 | 14.48 | 1.63 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126256 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324063 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID | LCS2-126256 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324064 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 9.882 | 0.089 | 0.50 | 10.00 | 0 | 98.8 | 85 | 115 | | | | |
| Sodium | 10.038 | 0.11 | 0.50 | 10.00 | 0 | 100 | 85 | 115 | | | | |

| Sample ID | N079834-001B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324083 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 46.848 | 0.89 | 5.0 | 10.00 | 31.55 | 153 | 75 | 125 | | | | S |

| Sample ID | N079834-001B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324084 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2047.145 | 57 | 250 | 10.00 | 1942 | 1050 | 75 | 125 | | | | S |

| Sample ID | N079834-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324085 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 48.670 | 0.89 | 5.0 | 10.00 | 31.55 | 171 | 75 | 125 | 46.85 | 3.81 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079834-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/23/2025 | RunNo: | 212444 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126256 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/28/2025 | SeqNo: | 7324086 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 2076.601 | 57 | 250 | 10.00 | 1942 | 1340 | 75 | 125 | 2047 | 1.43 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126331 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327019 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID | LCS1-126331 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327020 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 10.607 | 0.068 | 0.50 | 10.00 | 0 | 106 | 85 | 115 | | | | |
| Magnesium | 10.699 | 0.013 | 0.10 | 10.00 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N079861-006B-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327024 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 155.099 | 0.068 | 0.50 | 10.00 | 146.7 | 83.5 | 75 | 125 | | | | |
| Magnesium | 50.515 | 0.013 | 0.10 | 10.00 | 40.40 | 101 | 75 | 125 | | | | |

| Sample ID | N079861-006B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327025 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 154.307 | 0.068 | 0.50 | 10.00 | 146.7 | 75.6 | 75 | 125 | 155.1 | 0.512 | 20 | |
| Magnesium | 50.355 | 0.013 | 0.10 | 10.00 | 40.40 | 99.6 | 75 | 125 | 50.51 | 0.316 | 20 | |

| Sample ID | MB-126331 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332946 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-126331 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332946 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID | LCS2-126331 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332947 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 10.060 | 0.089 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Sodium | 10.439 | 0.11 | 0.50 | 10.00 | 0 | 104 | 85 | 115 | | | | |

| Sample ID | N079861-007B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332957 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 21.408 | 0.45 | 2.5 | 10.00 | 8.289 | 131 | 75 | 125 | | | | S |

| Sample ID | N079861-007B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332958 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 256.371 | 5.7 | 25 | 10.00 | 255.4 | 10.1 | 75 | 125 | | | | S |

| Sample ID | N079861-007B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332959 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 21.439 | 0.45 | 2.5 | 10.00 | 8.289 | 131 | 75 | 125 | 21.41 | 0.145 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079861-007B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 12/29/2025 | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332960 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 265.308 | 5.7 | 25 | 10.00 | 255.4 | 99.5 | 75 | 125 | 256.4 | 3.43 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079957-001B-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **212351** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **126256** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/25/2025** | SeqNo: **7317701** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.320 | 5.8 | 20 | 100.0 | 0 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID **N079957-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212349**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/25/2025** SeqNo: **7317511**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 6.206 | 0.052 | 0.10 | 5.000 | 0.7705 | 109 | 80 | 120 | | | | |
| Calcium | 98.420 | 0.068 | 0.50 | 10.00 | 86.94 | 115 | 80 | 120 | | | | |
| Magnesium | 14.445 | 0.013 | 0.10 | 10.00 | 3.326 | 111 | 80 | 120 | | | | |

Sample ID **N079834-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/28/2025** SeqNo: **7324082**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 7380.570 | 57 | 250 | 5000 | 1942 | 109 | 80 | 120 | | | | |

Sample ID **N079834-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **212444**
Client ID: **ZZZZZZ** Batch ID: **126256** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/29/2025** SeqNo: **7324152**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 145.642 | 0.89 | 5.0 | 100.0 | 31.55 | 114 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079861-006B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7327023 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 157.700 | 0.068 | 0.50 | 10.00 | 146.7 | 110 | 80 | 120 | | | | |
| Magnesium | 51.779 | 0.013 | 0.10 | 10.00 | 40.40 | 114 | 80 | 120 | | | | |

| Sample ID | N079861-007B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332973 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 54.183 | 0.45 | 2.5 | 50.00 | 8.289 | 91.8 | 80 | 120 | | | | |

| Sample ID | N079861-007B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 212619 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126331 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332974 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 840.358 | 5.7 | 25 | 500.0 | 255.4 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6010B
Analysis Date: 12/28/2025

Matrix: Groundwater
Batch No.: 126256

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Na failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079834-001B DT 50x | Potassium | K | mg/L | 29.32442 | PASS | 31.5475 | 7.05% | 10 |
| N079834-001B DT 2500x | Sodium | Na | mg/L | 2242.507 | FAIL | 1942.445 | 15.45% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6010B
Analysis Date: 12/25/2025

Matrix: Groundwater
Batch No.: 126256

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe & B. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079957-001B DT 5x | Iron | Fe | µg/L | 0 | NA | 0 | | 10 |
| N079957-001B DT 5x | Boron | B | mg/L | 0.7151 | NA | 0.77051 | 7.19% | 10 |
| N079957-001B DT 5x | Calcium | Ca | mg/L | 91.33055 | PASS | 86.93861 | 5.05% | 10 |
| N079957-001B DT 5x | Magnesium | Mg | mg/L | 3.3898 | PASS | 3.3259 | 1.92% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079861 |
| Test Method: | EPA 6010B |
| Analysis Date: | 1/2/2026 |
| Matrix: | Groundwater |
| Batch No.: | 126331 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP3 |
| Instrument Description: | Perkin Elmer Avio 500Max |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to K & Na. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079861-007B DT 25x | Potassium | K | mg/L | 7.747083 | NA | 8.289172 | 6.54% | 10 |
| N079861-007B DT 250x | Sodium | Na | mg/L | 265.8625 | NA | 255.3567 | 4.11% | 10 |

01/07/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6010B
Analysis Date: 12/30/2025

Matrix: Groundwater
Batch No.: 126331

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ca & Mg failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079861-006B DT 5x | Calcium | Ca | mg/L | 169.3995 | FAIL | 146.7447 | 15.44% | 10 |
| N079861-006B DT 5x | Magnesium | Mg | mg/L | 45.01315 | FAIL | 40.39928 | 11.42% | 10 |

01/07/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | FW-02B-127-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:31:00 PM |
| **Lab ID:** | N079861-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | | PrepDate: **12/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 08:02 PM |
| Barium | 72 | 0.050 | 1.0 | | µg/L | 1 | 12/26/2025 08:02 PM |
| Manganese | 6.3 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:02 PM |
| Zinc | ND | 0.75 | 10 | | µg/L | 1 | 12/26/2025 08:02 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Antimony | ND | 0.065 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Arsenic | 0.48 | 0.067 | 0.10 | | µg/L | 1 | 12/30/2025 02:05 PM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Beryllium | ND | 0.073 | 0.50 | | µg/L | 1 | 12/27/2025 09:34 PM |
| Cadmium | ND | 0.076 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Chromium | 160 | 0.13 | 1.0 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Cobalt | ND | 0.043 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Copper | ND | 0.095 | 1.0 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Lead | ND | 0.064 | 1.0 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Molybdenum | 1.1 | 0.063 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Nickel | ND | 0.73 | 5.0 | | µg/L | 1 | 12/30/2025 10:03 PM |
| Selenium | 14 | 0.29 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Silver | ND | 0.044 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Thallium | ND | 0.071 | 0.50 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Vanadium | 8.6 | 0.066 | 1.0 | | µg/L | 1 | 12/26/2025 08:08 PM |
| Zinc | ND | 0.75 | 10 | | µg/L | 1 | 12/26/2025 08:08 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-905-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 3:41:00 PM |
| **Lab ID:** | N079861-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | | PrepDate: **12/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 08:19 PM |
| Barium | 74 | 0.050 | 1.0 | | µg/L | 1 | 12/26/2025 08:19 PM |
| Manganese | 6.2 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:19 PM |
| Zinc | ND | 0.75 | 10 | | µg/L | 1 | 12/26/2025 08:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-88-107-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 2:11:00 PM |
| **Lab ID:** | N079861-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Arsenic | 5.5 | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 08:25 PM |
| Barium | 45 | 0.050 | 1.0 | | µg/L | 1 | 12/26/2025 08:25 PM |
| Manganese | 0.75 | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:25 PM |
| Zinc | ND | 0.75 | 10 | | µg/L | 1 | 12/26/2025 08:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-09-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:24:00 PM |
| **Lab ID:** | N079861-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | | PrepDate: | **12/23/2025** | Analyst: **DJ** |
| Arsenic | 1.2 | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 08:31 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:31 PM |
| Molybdenum | 2.6 | 0.063 | 0.50 | | µg/L | 1 | 12/26/2025 08:31 PM |
| Selenium | 2.7 | 0.29 | 0.50 | | µg/L | 1 | 12/26/2025 08:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-10-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 12:31:00 PM |
| **Lab ID:** | N079861-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251226D** | QC Batch: **126254** | | | PrepDate: | **12/23/2025** | | Analyst: **DJ** |
| Arsenic | 5.0 | 0.067 | 0.10 | | µg/L | 1 | 12/26/2025 08:37 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/26/2025 08:37 PM |
| Molybdenum | 160 | 0.063 | 0.50 | | µg/L | 1 | 12/26/2025 08:37 PM |
| Selenium | 2.1 | 0.29 | 0.50 | | µg/L | 1 | 12/26/2025 08:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **MB-126254** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126254** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322538** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.065 | 0.50 | | | | | | | | | |
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Cadmium | ND | 0.076 | 0.50 | | | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |
| Cobalt | ND | 0.043 | 0.50 | | | | | | | | | |
| Copper | ND | 0.095 | 1.0 | | | | | | | | | |
| Lead | ND | 0.064 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |
| Silver | ND | 0.044 | 0.50 | | | | | | | | | |
| Thallium | ND | 0.071 | 0.50 | | | | | | | | | |
| Vanadium | ND | 0.066 | 1.0 | | | | | | | | | |
| Zinc | ND | 0.75 | 10 | | | | | | | | | |

| Sample ID **LCS-126254** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/23/2025** | RunNo: **212430** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126254** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/26/2025** | SeqNo: **7322539** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 10.529 | 0.065 | 0.50 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Arsenic | 9.464 | 0.067 | 0.10 | 10.00 | 0 | 94.6 | 85 | 115 | | | | |
| Barium | 9.358 | 0.050 | 1.0 | 10.00 | 0 | 93.6 | 85 | 115 | | | | |
| Cadmium | 10.878 | 0.076 | 0.50 | 10.00 | 0 | 109 | 85 | 115 | | | | |
| Chromium | 10.124 | 0.13 | 1.0 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Cobalt | 10.120 | 0.043 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Copper | 8.934 | 0.095 | 1.0 | 10.00 | 0 | 89.3 | 85 | 115 | | | | |
| Lead | 10.163 | 0.064 | 1.0 | 10.00 | 0 | 102 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | LCS-126254 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212430 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322539 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 100.752 | 0.046 | 0.50 | 100.0 | 0 | 101 | 85 | 115 | | | | |
| Molybdenum | 9.538 | 0.063 | 0.50 | 10.00 | 0 | 95.4 | 85 | 115 | | | | |
| Selenium | 10.691 | 0.29 | 0.50 | 10.00 | 0 | 107 | 85 | 115 | | | | |
| Silver | 9.247 | 0.044 | 0.50 | 10.00 | 0 | 92.5 | 85 | 115 | | | | |
| Thallium | 9.565 | 0.071 | 0.50 | 10.00 | 0 | 95.7 | 85 | 115 | | | | |
| Vanadium | 10.315 | 0.066 | 1.0 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Zinc | 91.570 | 0.75 | 10 | 100.0 | 0 | 91.6 | 85 | 115 | | | | |

| Sample ID | N079955-001BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212430 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322557 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 11.023 | 0.065 | 0.50 | 10.00 | 0 | 110 | 75 | 125 | | | | |
| Arsenic | 8.731 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | | | | |
| Barium | 90.330 | 0.050 | 1.0 | 10.00 | 81.00 | 93.3 | 75 | 125 | | | | |
| Cadmium | 11.020 | 0.076 | 0.50 | 10.00 | 0 | 110 | 75 | 125 | | | | |
| Chromium | 9.908 | 0.13 | 1.0 | 10.00 | 0.1297 | 97.8 | 75 | 125 | | | | |
| Cobalt | 9.861 | 0.043 | 0.50 | 10.00 | 0.3182 | 95.4 | 75 | 125 | | | | |
| Copper | 10.394 | 0.095 | 1.0 | 10.00 | 1.980 | 84.1 | 75 | 125 | | | | |
| Lead | 10.696 | 0.064 | 1.0 | 10.00 | 0 | 107 | 75 | 125 | | | | |
| Molybdenum | 91.183 | 0.063 | 0.50 | 10.00 | 81.23 | 99.6 | 75 | 125 | | | | |
| Selenium | 10.323 | 0.29 | 0.50 | 10.00 | 0.4529 | 98.7 | 75 | 125 | | | | |
| Silver | 9.500 | 0.044 | 0.50 | 10.00 | 0 | 95.0 | 75 | 125 | | | | |
| Thallium | 9.895 | 0.071 | 0.50 | 10.00 | 0 | 99.0 | 75 | 125 | | | | |
| Vanadium | 10.860 | 0.066 | 1.0 | 10.00 | 0.1876 | 107 | 75 | 125 | | | | |
| Zinc | 85.909 | 0.75 | 10 | 100.0 | 0.8367 | 85.1 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079955-001BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212430 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322560 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 11.147 | 0.065 | 0.50 | 10.00 | 0 | 111 | 75 | 125 | 11.02 | 1.12 | 20 | |
| Arsenic | 8.879 | 0.067 | 0.10 | 10.00 | 0 | 88.8 | 75 | 125 | 8.731 | 1.67 | 20 | |
| Barium | 90.363 | 0.050 | 1.0 | 10.00 | 81.00 | 93.6 | 75 | 125 | 90.33 | 0.0371 | 20 | |
| Cadmium | 11.107 | 0.076 | 0.50 | 10.00 | 0 | 111 | 75 | 125 | 11.02 | 0.783 | 20 | |
| Chromium | 9.834 | 0.13 | 1.0 | 10.00 | 0.1297 | 97.0 | 75 | 125 | 9.908 | 0.758 | 20 | |
| Cobalt | 9.874 | 0.043 | 0.50 | 10.00 | 0.3182 | 95.6 | 75 | 125 | 9.861 | 0.127 | 20 | |
| Copper | 10.526 | 0.095 | 1.0 | 10.00 | 1.980 | 85.5 | 75 | 125 | 10.39 | 1.26 | 20 | |
| Lead | 10.545 | 0.064 | 1.0 | 10.00 | 0 | 105 | 75 | 125 | 10.70 | 1.42 | 20 | |
| Molybdenum | 91.093 | 0.063 | 0.50 | 10.00 | 81.23 | 98.7 | 75 | 125 | 91.18 | 0.0993 | 20 | |
| Selenium | 10.103 | 0.29 | 0.50 | 10.00 | 0.4529 | 96.5 | 75 | 125 | 10.32 | 2.16 | 20 | |
| Silver | 9.669 | 0.044 | 0.50 | 10.00 | 0 | 96.7 | 75 | 125 | 9.500 | 1.76 | 20 | |
| Thallium | 10.160 | 0.071 | 0.50 | 10.00 | 0 | 102 | 75 | 125 | 9.895 | 2.64 | 20 | |
| Vanadium | 10.699 | 0.066 | 1.0 | 10.00 | 0.1876 | 105 | 75 | 125 | 10.86 | 1.50 | 20 | |
| Zinc | 85.531 | 0.75 | 10 | 100.0 | 0.8367 | 84.7 | 75 | 125 | 85.91 | 0.441 | 20 | |

| Sample ID | MB-126254 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212441 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/27/2025 | SeqNo: | 7323412 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | ND | 0.073 | 0.50 | | | | | | | | | |

| Sample ID | LCS-126254 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212441 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/27/2025 | SeqNo: | 7323413 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 9.665 | 0.073 | 0.50 | 10.00 | 0 | 96.7 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079955-001BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212441 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/27/2025 | SeqNo: | 7323418 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 10.012 | 0.073 | 0.50 | 10.00 | 0 | 100 | 75 | 125 | | | | |

| Sample ID | N079955-001BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212441 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/27/2025 | SeqNo: | 7323419 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 9.832 | 0.073 | 0.50 | 10.00 | 0 | 98.3 | 75 | 125 | 10.01 | 1.81 | 20 | |

| Sample ID | N079955-001BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212503 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7326904 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1146.485 | 1.2 | 12 | 100.0 | 1098 | 48.1 | 75 | 125 | | | | S |

| Sample ID | N079955-001BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/23/2025 | RunNo: | 212503 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126254 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7326905 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1181.169 | 1.2 | 12 | 100.0 | 1098 | 82.8 | 75 | 125 | 1146 | 2.98 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-126382 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/30/2025 | RunNo: | 212598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126382 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7330466 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nickel | ND | 0.15 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126382 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/30/2025 | RunNo: | 212598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126382 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7330467 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nickel | 8.675 | 0.15 | 1.0 | 10.00 | 0 | 86.7 | 85 | 115 | | | | |

| Sample ID | N079861-002C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/30/2025 | RunNo: | 212598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126382 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7330471 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nickel | 32.498 | 0.73 | 5.0 | 50.00 | 0 | 65.0 | 75 | 125 | | | | S |

| Sample ID | N079861-002C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/30/2025 | RunNo: | 212598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126382 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7330472 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nickel | 33.048 | 0.73 | 5.0 | 50.00 | 0 | 66.1 | 75 | 125 | 32.50 | 1.68 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N079955-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212430**
Client ID: **ZZZZZZ** Batch ID: **126254** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/26/2025** SeqNo: **7322556**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 11.244 | 0.065 | 0.50 | 10.00 | 0 | 112 | 80 | 120 | | | | |
| Arsenic | 8.392 | 0.067 | 0.10 | 10.00 | 0 | 83.9 | 80 | 120 | | | | |
| Barium | 88.513 | 0.050 | 1.0 | 10.00 | 81.00 | 75.1 | 80 | 120 | | | | S |
| Cadmium | 10.857 | 0.076 | 0.50 | 10.00 | 0 | 109 | 80 | 120 | | | | |
| Chromium | 9.957 | 0.13 | 1.0 | 10.00 | 0.1297 | 98.3 | 80 | 120 | | | | |
| Cobalt | 9.921 | 0.043 | 0.50 | 10.00 | 0.3182 | 96.0 | 80 | 120 | | | | |
| Copper | 10.348 | 0.095 | 1.0 | 10.00 | 1.980 | 83.7 | 80 | 120 | | | | |
| Lead | 10.690 | 0.064 | 1.0 | 10.00 | 0 | 107 | 80 | 120 | | | | |
| Molybdenum | 90.412 | 0.063 | 0.50 | 10.00 | 81.23 | 91.9 | 80 | 120 | | | | |
| Selenium | 10.711 | 0.29 | 0.50 | 10.00 | 0.4529 | 103 | 80 | 120 | | | | |
| Silver | 9.526 | 0.044 | 0.50 | 10.00 | 0 | 95.3 | 80 | 120 | | | | |
| Thallium | 10.251 | 0.071 | 0.50 | 10.00 | 0 | 103 | 80 | 120 | | | | |
| Vanadium | 10.990 | 0.066 | 1.0 | 10.00 | 0.1876 | 108 | 80 | 120 | | | | |
| Zinc | 90.513 | 0.75 | 10 | 100.0 | 0.8367 | 89.7 | 80 | 120 | | | | |

Sample ID **N079955-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212441**
Client ID: **ZZZZZZ** Batch ID: **126254** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/27/2025** SeqNo: **7323417**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 9.690 | 0.073 | 0.50 | 10.00 | 0 | 96.9 | 80 | 120 | | | | |

Sample ID **N079955-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212503**
Client ID: **ZZZZZZ** Batch ID: **126254** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/30/2025** SeqNo: **7326903**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 3648.011 | 1.2 | 12 | 2500 | 1098 | 102 | 80 | 120 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079861-002C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 212598 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126382 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/30/2025 | SeqNo: | 7330470 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nickel | 33.434 | 0.73 | 5.0 | 50.00 | 0 | 66.9 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6020
Analysis Date: 12/26,27,30/2025

Matrix: Groundwater
Batch No.: 126254

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079955-001B DT 5x | Antimony | Sb | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Barium | Ba | µg/L | 82.98337 | PASS | 80.99858 | 2.45% | 10 |
| N079955-001B DT 5x | Cadmium | Cd | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Cobalt | Co | µg/L | 0.3617251 | NA | 0.3182356 | 13.67% | 10 |
| N079955-001B DT 5x | Copper | Cu | µg/L | 1.753707 | NA | 1.980398 | 11.45% | 10 |
| N079955-001B DT 5x | Lead | Pb | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Molybdenum | Mo | µg/L | 79.84172 | PASS | 81.22516 | 1.70% | 10 |
| N079955-001B DT 5x | Selenium | Se | µg/L | 0 | NA | 0.4529005 | 100.00% | 10 |
| N079955-001B DT 5x | Silver | Ag | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Thallium | Tl | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 5x | Vanadium | V | µg/L | 0.3449654 | NA | 0.187637 | 83.85% | 10 |
| N079955-001B DT 5x | Zinc | Zn | µg/L | 0 | NA | 0.836746 | 100.00% | 10 |
| N079955-001B DT 5x | Beryllium | Be | µg/L | 0 | NA | 0 | | 10 |
| N079955-001B DT 125x | Manganese | Mn | µg/L | 1068.504 | PASS | 1098.375 | 2.72% | 10 |
| N079955-001B DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1297194 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079861
Test Method: EPA 6020
Analysis Date: 12/30/2025

Matrix: Groundwater
Batch No.: 126382

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Ni. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079861-002C DT 5x | Nickel | Ni | µg/L | 0 | NA | 0 | | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MWP-08-Q425 |
| **Lab Order:** | N079861 | | |
| **Project:** | PG&E Topock - Phase 2, 30251660 | **Collection Date:** | 12/18/2025 1:46:00 PM |
| **Lab ID:** | N079861-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED MERCURY BY COLD VAPOR TECHNIQUE** | | | | | | | |
| **EPA 7470A** | | | | | | | |
| RunID: **NV00922-AA2_251221E** QC Batch: **126168** PrepDate: **12/20/2025** Analyst: **DJ** | | | | | | | |
| Mercury | ND | 0.17 | 0.20 | | µg/L | 1 | 12/22/2025 01:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 7470_W_DISSPGE**

| Sample ID | MB-126168 | SampType: | MBLK | TestCode: | 7470_W_DIS | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212146 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126168 | TestNo: | EPA 7470A | | | Analysis Date: | 12/22/2025 | SeqNo: | 7306869 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.17 | 0.20 | | | | | | | | | |

| Sample ID | LCS-126168 | SampType: | LCS | TestCode: | 7470_W_DIS | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212146 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126168 | TestNo: | EPA 7470A | | | Analysis Date: | 12/22/2025 | SeqNo: | 7306871 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 5.220 | 0.17 | 0.20 | 5.000 | 0 | 104 | 85 | 115 | | | | |

| Sample ID | N079893-001AMS | SampType: | MS | TestCode: | 7470_W_DIS | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212146 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126168 | TestNo: | EPA 7470A | | | Analysis Date: | 12/22/2025 | SeqNo: | 7306881 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 5.060 | 0.17 | 0.20 | 5.000 | 0 | 101 | 75 | 125 | | | | |

| Sample ID | N079893-001AMSD | SampType: | MSD | TestCode: | 7470_W_DIS | Units: | µg/L | Prep Date: | 12/20/2025 | RunNo: | 212146 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126168 | TestNo: | EPA 7470A | | | Analysis Date: | 12/22/2025 | SeqNo: | 7306882 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 5.080 | 0.17 | 0.20 | 5.000 | 0 | 102 | 75 | 125 | 5.060 | 0.394 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079861
**Project:** PG&E Topock - Phase 2, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 7470_W_DISSPGE**

| Sample ID | **N079893-001A-PS** | SampType: **PS** | TestCode: **7470_W_DIS** | Units: **µg/L** | Prep Date: | RunNo: **212146** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **126168** | TestNo: **EPA 7470A** | | Analysis Date: **12/22/2025** | SeqNo: **7306880** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 5.280 | 0.17 | 0.20 | 5.000 | 0 | 106 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**AA-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079861 |
| Test Method: | EPA 7470 |
| Analysis Date: | 12/21/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126168 |

| | |
|---|---|
| Instrument ID: | NV00922-AA2 |
| Instrument Description: | CETAC M-6100 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Hg. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079893-001A DT 5x | Mercury | Hg | µg/L | 0 | NA | 0 | | 10 |

01/07/2026

Note: NA - Not Applicable

ARCUS02 C: 1/5/2025 12:00 AM
FOLDER R: 12/18/2025
N079861-008A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Company: Laura Madsen | Bill to: Janet Newman | EDD Req |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO80123 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720.344.3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Riggio Top | Phone: 720.344.3771 Fax: | Phone: Fax: | Others ✓ |
| Title: Field Tech | | | Specify: RWQCB |
| Signature: Date: 12-18-25 | Sampled By: Riggio Top | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - Phase 2 | Signature: Date: 12-18-25 | | |
| Project Number: 30251660 | | | |

| | | | |
|---|---|---|---|
| RTNE | | 1. Chilled | Y N |
| RWQCB | ✓ | 2. Headspace | |
| CalTrans | | 3. Container Intact | ✓ |
| LEVEL III | | 4. Seal Present | ✓ |
| LEVEL IV | | 5. IR number | 4 |
| Regulatory | | 6. Method of Cooling: | Ice |
| Specify State: | | Sample Temp: | 1.5/0.8°C |
| | | Courier: | ASET |
| | | Tracking No.: | |

Matrix: Ground X Sediment; Potable; Soil; NPDES; Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Specific Conductance (EPA 120.1) (1 L poly) | Dissolved Metals (SW 6010B); HNO3 Arsenic, Barium, Boron, Calcium, Potassium, Sodium, Iron, Manganese, Magnesium, Zinc (500mL poly) | Dissolved metals Cations(SW6020) FF; HNO3 Calcium, potassium, magnesium, sodium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Title 22 Metals and dissolved iron, dissolved manganese (500mL poly) | Sulfate, Nitrate, Fluoride, Chloride (EPA 300.0) (1 liter poly) | Total Dissolved Solids (SM92540) (1 liter poly) | Alkalinity, Total as CaCO3 (SM2320B) (1 liter poly) | bromide (EPA 300) (1 L poly) | Total Phosphorous (365.3); H2SO4 (8 oz poly) | Hardness (1 L poly) | Dissolved Metals (SW 6010B); HNO3 Chromium, arsenic, manganese, molybdenum, selenium (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079861-001 | ✓ FW-02B-127-Q425 | 12/18/2025 | 15:31 | | X | | X | | | X | X | X | X | | X | | E | 3 | P | BNS |
| 2 | -002 | ✓ MWP-08-Q425 | 12/18/2025 | 13:46 | | X | X | | X | X | X | X | X | | X | | | E | 4 | P | BNS |
| 3 | -003 | ✓ MW-905-Q425 | 12/18/2025 | 15:41 | | X | | X | | | X | X | X | X | | X | | E | 3 | P | BN |
| 4 | -004 | ✓ EB-762-Q425 | 12/18/2025 | 15:51 | | X | | | | | | | | | | | | E | 1 | P | B |
| 5 | -005 | ✓ MW-88-107-Q425 | 12/18/2025 | 14:11 | | X | | X | | | X | X | X | X | | X | | E | 3 | P | BN |
| 6 | -006 | ✓ MW-09-Q425 | 12/18/2025 | 13:24 | | X | | | X | | X | X | X | X | | | X | E | 3 | P | BN |
| 7 | -007 | ✓ MW-10-Q425 | 12/18/2025 | 12:31 | | X | | | X | | X | X | X | X | | | X | E | 3 | P | BN |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggio Top | 12-18-25 16:35 | Michael Mcanton | 12/18/25 1635 |
| Michael Mcanton | 12/18/25 1935 | Michael Mcanton | 12/18/25 1935 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | | |
|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/18/2025 | Workorder: | N079861 |
| Rep sample Temp (Deg C): | 1.5/0.8 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Jana Carganilla 12/19/2025

Reviewed By: MBC For: Ian Almario 12/29/2025

# ASSET Laboratories

## WORK ORDER Summary

*29-Dec-25*

**WorkOrder:** N079861

**Client ID:** ARCUS02

**Project:** PG&E Topock - Phase 2, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079861-001A | FW-02B-127-Q425 | 12/18/2025 3:31:00 PM | 1/6/2026 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-001B | | | 1/6/2026 | | SM 2340 B | Hardness by Calculation | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079861-001C | | | 1/6/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-002A | MWP-08-Q425 | 12/18/2025 1:46:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-002B | | | 1/6/2026 | | EPA 365.3 | TOTAL PHOSPHORUS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Phosphorus Prep | ☐ | ☐ | ☐ | WW |
| N079861-002C | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*29-Dec-25*

**WorkOrder:** N079861

**Client ID:** ARCUS02

**Project:** PG&E Topock - Phase 2, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079861-002C | MWP-08-Q425 | 12/18/2025 1:46:00 PM | 1/6/2026 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | DISSOLVED MERCURY PREP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 7470A | DISSOLVED MERCURY BY COLD VAPOR TECHNIQUE | ☐ | ☐ | ☐ | WW |
| N079861-002D | | | 1/6/2026 | | EPA 120.1 | SPECIFIC CONDUCTANCE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-003A | MW-905-Q425 | 12/18/2025 3:41:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-003B | | | 1/6/2026 | | SM 2340 B | Hardness by Calculation | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*29-Dec-25*

**WorkOrder:** N079861

**Client ID:** ARCUS02

**Project:** PG&E Topock - Phase 2, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079861-003C | MW-905-Q425 | 12/18/2025 3:41:00 PM | 1/6/2026 | Groundwater | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-004A | EB-762-Q425 | 12/18/2025 3:51:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-005A | MW-88-107-Q425 | 12/18/2025 2:11:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-005B | | | 1/6/2026 | | SM 2340 B | Hardness by Calculation | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079861-005C | | | 1/6/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*29-Dec-25*

**WorkOrder:** N079861

**Client ID:** ARCUS02

**Project:** PG&E Topock - Phase 2, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079861-005C | MW-88-107-Q425 | 12/18/2025 2:11:00 PM | 1/6/2026 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-006A | MW-09-Q425 | 12/18/2025 1:24:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-006B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079861-006C | | | 1/6/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-007A | MW-10-Q425 | 12/18/2025 12:31:00 PM | 1/6/2026 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079861-007B | | | 1/6/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*29-Dec-25*

**WorkOrder:** N079861

**Client ID:** ARCUS02

**Project:** PG&E Topock - Phase 2, 30251660 **QC Level:** Level IV **Date Received:** 12/18/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079861-007B | MW-10-Q425 | 12/18/2025 12:31:00 PM | 1/6/2026 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079861-007C | | | 1/6/2026 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 1/6/2026 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079861-008A | FOLDER | 1/6/2026 | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/6/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 11, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079292

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 25, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079292

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N079292-001 (MW-73-080-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N079248-001B-MS1/MSD1 and N079292-014B-MS2/MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable

Matrix Spike Duplicate (MSD) is outside recovery criteria for Magnesium in QC sample N079248-001B-MSD1 possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Potassium in QC sample N079292-014B-MSD2 possibly due to matrix interference. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.2 ug/L) and hexavalent chromium (0 ug/L) for sample N079292-001 (MW-73-080-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.0 and 0.92 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079249-001C-MS and N079249-001C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079292
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079292-001A | MW-73-080-Q425 | Surface Water | 11/25/2025 10:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-001B | MW-73-080-Q425 | Surface Water | 11/25/2025 10:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-001C | MW-73-080-Q425 | Surface Water | 11/25/2025 10:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-002A | MW-87-139-Q425 | Surface Water | 11/25/2025 2:52:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-002B | MW-87-139-Q425 | Surface Water | 11/25/2025 2:52:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-002C | MW-87-139-Q425 | Surface Water | 11/25/2025 2:52:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-003A | MW-87-109-Q425 | Surface Water | 11/25/2025 3:28:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-003B | MW-87-109-Q425 | Surface Water | 11/25/2025 3:28:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-003C | MW-87-109-Q425 | Surface Water | 11/25/2025 3:28:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-004A | MW-41D-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-004B | MW-41D-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-004C | MW-41D-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-005A | MW-41M-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-005B | MW-41M-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-005C | MW-41M-Q425 | Surface Water | 11/25/2025 9:05:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-006A | MW-41S-Q425 | Surface Water | 11/25/2025 9:46:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-006B | MW-41S-Q425 | Surface Water | 11/25/2025 9:46:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-006C | MW-41S-Q425 | Surface Water | 11/25/2025 9:46:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-007A | MW-87-192-Q425 | Surface Water | 11/25/2025 3:25:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-007B | MW-87-192-Q425 | Surface Water | 11/25/2025 3:25:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-007C | MW-87-192-Q425 | Surface Water | 11/25/2025 3:25:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-008A | MW-87-275-Q425 | Surface Water | 11/25/2025 4:02:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-008B | MW-87-275-Q425 | Surface Water | 11/25/2025 4:02:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-008C | MW-87-275-Q425 | Surface Water | 11/25/2025 4:02:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-009A | MW-922-Q425 | Surface Water | 11/25/2025 4:12:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-009B | MW-922-Q425 | Surface Water | 11/25/2025 4:12:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-009C | MW-922-Q425 | Surface Water | 11/25/2025 4:12:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-010A | EB-736-Q425 | Surface Water | 11/25/2025 4:22:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-011A | MW-13-Q425 | Surface Water | 11/25/2025 3:11:00 PM | 11/25/2025 | 12/11/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079292
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079292-011B | MW-13-Q425 | Surface Water | 11/25/2025 3:11:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-011C | MW-13-Q425 | Surface Water | 11/25/2025 3:11:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-012A | MW-14-Q425 | Surface Water | 11/25/2025 2:19:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-012B | MW-14-Q425 | Surface Water | 11/25/2025 2:19:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-012C | MW-14-Q425 | Surface Water | 11/25/2025 2:19:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-013A | EB-735-Q425 | Surface Water | 11/25/2025 3:40:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-014A | ER-03-Q425 | Surface Water | 11/25/2025 1:44:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-014B | ER-03-Q425 | Surface Water | 11/25/2025 1:44:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-014C | ER-03-Q425 | Surface Water | 11/25/2025 1:44:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-015A | ER-04-Q425 | Surface Water | 11/25/2025 11:09:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-015B | ER-04-Q425 | Surface Water | 11/25/2025 11:09:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-015C | ER-04-Q425 | Surface Water | 11/25/2025 11:09:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-016A | MW-72-080-Q425 | Surface Water | 11/25/2025 11:47:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-016B | MW-72-080-Q425 | Surface Water | 11/25/2025 11:47:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-016C | MW-72-080-Q425 | Surface Water | 11/25/2025 11:47:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-017A | MW-72BR-200-Q425 | Surface Water | 11/25/2025 12:29:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-017B | MW-72BR-200-Q425 | Surface Water | 11/25/2025 12:29:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-017C | MW-72BR-200-Q425 | Surface Water | 11/25/2025 12:29:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-018A | MW-60-125-Q425 | Surface Water | 11/25/2025 11:19:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-018B | MW-60-125-Q425 | Surface Water | 11/25/2025 11:19:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-018C | MW-60-125-Q425 | Surface Water | 11/25/2025 11:19:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-019A | MW-61-110-Q425 | Surface Water | 11/25/2025 12:00:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-019B | MW-61-110-Q425 | Surface Water | 11/25/2025 12:00:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-019C | MW-61-110-Q425 | Surface Water | 11/25/2025 12:00:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-020A | MW-62-065-Q425 | Surface Water | 11/25/2025 9:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-020B | MW-62-065-Q425 | Surface Water | 11/25/2025 9:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-020C | MW-62-065-Q425 | Surface Water | 11/25/2025 9:20:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-021A | MW-63-065-Q425 | Surface Water | 11/25/2025 10:13:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-021B | MW-63-065-Q425 | Surface Water | 11/25/2025 10:13:00 AM | 11/25/2025 | 12/11/2025 |
| N079292-021C | MW-63-065-Q425 | Surface Water | 11/25/2025 10:13:00 AM | 11/25/2025 | 12/11/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079292
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079292-022A | MW-93-050-Q425 | Surface Water | 11/25/2025 1:16:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-022B | MW-93-050-Q425 | Surface Water | 11/25/2025 1:16:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-023A | MW-93-213-Q425 | Surface Water | 11/25/2025 12:48:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-023B | MW-93-213-Q425 | Surface Water | 11/25/2025 12:48:00 PM | 11/25/2025 | 12/11/2025 |
| N079292-024A | EB-737-Q425 | Surface Water | 11/25/2025 3:40:00 PM | 11/25/2025 | 12/11/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-03-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 1:44:00 PM |
| **Lab ID:** | N079292-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | | PrepDate: | **12/1/2025** | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 10000 | 100 | 100 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-04-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:09:00 AM |
| **Lab ID:** | N079292-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 9600 | 100 | 100 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:47:00 AM |
| **Lab ID:** | N079292-016 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 10000 | 100 | 100 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 8600 | 100 | 100 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60-125-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:19:00 AM |
| **Lab ID:** | N079292-018 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 4700 | 100 | 100 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-61-110-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:00:00 PM |
| **Lab ID:** | N079292-019 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 1700 | 25 | 25 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:20:00 AM |
| **Lab ID:** | N079292-020 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 3600 | 50 | 50 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-63-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:13:00 AM |
| **Lab ID:** | N079292-021 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251201C** | QC Batch: **125612** | | | PrepDate: | **12/1/2025** | | Analyst: **LB** |
| Total Dissolved Solids (Residue, Filterable) | 3500 | 50 | 50 | | mg/L | 1 | 12/1/2025 10:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID | LCS-125612 | SampType: | LCS | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/1/2025 | RunNo: | 211176 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125612 | TestNo: | SM2540C | | | Analysis Date: | 12/1/2025 | SeqNo: | 7242377 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 953.000 | 10 | 10 | 1000 | 0 | 95.3 | 80 | 120 | | | | |

| Sample ID | MB-125612 | SampType: | MBLK | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/1/2025 | RunNo: | 211176 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125612 | TestNo: | SM2540C | | | Analysis Date: | 12/1/2025 | SeqNo: | 7242378 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID | N079292-014CDUP | SampType: | DUP | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/1/2025 | RunNo: | 211176 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125612 | TestNo: | SM2540C | | | Analysis Date: | 12/1/2025 | SeqNo: | 7242380 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 10190.000 | 100 | 100 | | | | | | 10200 | 0.0981 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-73-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:20:00 AM |
| **Lab ID:** | N079292-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 01:55 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 1.2 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 05:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-139-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:52:00 PM |
| **Lab ID:** | N079292-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 7.7 | 0.039 | 0.20 | | µg/L | 1 | 12/1/2025 03:10 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 9.0 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 05:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-109-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:28:00 PM |
| **Lab ID:** | N079292-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** QC Batch: **R211175** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 30 | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 01:16 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 32 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 05:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41D-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 03:11 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41M-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 9.5 | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 03:30 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 10 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41S-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:46:00 AM |
| **Lab ID:** | N079292-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 3.8 | 0.039 | 0.20 | | µg/L | 1 | 12/1/2025 03:29 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 4.3 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-192-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:25:00 PM |
| **Lab ID:** | N079292-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 09:49 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-275-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:02:00 PM |
| **Lab ID:** | N079292-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 10:46 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-922-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:12:00 PM |
| **Lab ID:** | N079292-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 11:24 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-736-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:22:00 PM |
| **Lab ID:** | N079292-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/2/2025 02:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-13-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:11:00 PM |
| **Lab ID:** | N079292-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251201A** QC Batch: **R211175** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 20 | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 01:17 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125595** PrepDate: **11/29/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 23 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 06:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-14-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:19:00 PM |
| **Lab ID:** | N079292-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** QC Batch: **R211175** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 13 | 0.19 | 1.0 | | µg/L | 5 | 12/1/2025 04:07 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251210D** QC Batch: **125849** | | | | PrepDate: | **12/9/2025** | | Analyst: **DJ** |
| Chromium | 13 | 0.13 | 1.0 | | µg/L | 1 | 12/11/2025 06:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-735-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:40:00 PM |
| **Lab ID:** | N079292-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/1/2025 06:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-03-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 1:44:00 PM |
| **Lab ID:** | N079292-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 12:20 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 07:07 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-04-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:09:00 AM |
| **Lab ID:** | N079292-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251201A** | QC Batch: **R211175** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 12:58 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 07:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:47:00 AM |
| **Lab ID:** | N079292-016 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251202A** QC Batch: **R211241** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | 63 | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 11:26 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125595** PrepDate: **11/29/2025** Analyst: **DJ** | | | | | | | |
| Chromium | 63 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 07:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 05:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251210D** | QC Batch: **125849** | | | PrepDate: | **12/9/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/11/2025 06:42 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60-125-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:19:00 AM |
| **Lab ID:** | N079292-018 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 340 | 1.9 | 10 | | µg/L | 50 | 12/2/2025 11:39 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251202D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 390 | 1.3 | 10 | | µg/L | 10 | 12/3/2025 07:20 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-61-110-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:00:00 PM |
| **Lab ID:** | N079292-019 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/2/2025 02:24 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 07:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:20:00 AM |
| **Lab ID:** | N079292-020 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 550 | 3.9 | 20 | | µg/L | 100 | 12/2/2025 11:58 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251202D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 560 | 1.3 | 10 | | µg/L | 10 | 12/3/2025 07:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-63-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:13:00 AM |
| **Lab ID:** | N079292-021 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.2 | 0.039 | 0.20 | | µg/L | 1 | 12/2/2025 01:35 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 1.7 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 08:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-93-050-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 1:16:00 PM |
| **Lab ID:** | N079292-022 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** QC Batch: **R211241** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 18 | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 01:16 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129D** QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 16 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 08:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-93-213-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:48:00 PM |
| **Lab ID:** | N079292-023 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 7.6 | 0.19 | 1.0 | | µg/L | 5 | 12/2/2025 05:33 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129D** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Chromium | 8.0 | 0.13 | 1.0 | | µg/L | 1 | 11/30/2025 04:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-737-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:40:00 PM |
| **Lab ID:** | N079292-024 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251202A** | QC Batch: **R211241** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/2/2025 03:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211175 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242310 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211175 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242311 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.112 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079249-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242313 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.131 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N079249-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242315 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 17.395 | 0.19 | 1.0 | 5.000 | 12.33 | 101 | 90 | 110 | | | | | |

| Sample ID | N079248-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242320 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.947 | 0.039 | 0.20 | 1.000 | 0 | 94.7 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242321 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 54.320 | 0.19 | 1.0 | 25.00 | 29.67 | 98.6 | 90 | 110 | | | | | |

| Sample ID | N079292-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242322 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 54.063 | 0.19 | 1.0 | 25.00 | 29.67 | 97.6 | 90 | 110 | 54.32 | 0.473 | 20 | | |

| Sample ID | N079292-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242325 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 28.920 | 0.19 | 1.0 | | | | | | 29.67 | 2.56 | 20 | | |

| Sample ID | N079292-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242327 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 12.952 | 0.039 | 0.20 | 5.000 | 7.672 | 106 | 90 | 110 | | | | | |

| Sample ID | N079292-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242329 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 8.816 | 0.039 | 0.20 | 5.000 | 3.826 | 99.8 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242331 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.589 | 0.19 | 1.0 | 25.00 | 12.87 | 103 | 90 | 110 | | | | |

| Sample ID | N079248-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242335 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.112 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID | N079248-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242337 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.101 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID | N079292-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242339 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.047 | 0.039 | 0.20 | 1.000 | 0.1391 | 90.8 | 90 | 110 | | | | |

| Sample ID | N079292-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242347 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.991 | 0.19 | 1.0 | 5.000 | 0 | 99.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242349 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.179 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079292-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7242351 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.870 | 0.19 | 1.0 | 5.000 | 0 | 97.4 | 90 | 110 | | | | | | |

| Sample ID | N079292-014AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242355 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.967 | 0.19 | 1.0 | 5.000 | 0 | 99.3 | 90 | 110 | | | | | | |

| Sample ID | N079292-015AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242357 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.834 | 0.19 | 1.0 | 5.000 | 0 | 96.7 | 90 | 110 | | | | | | |

| Sample ID | N079292-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211175 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211175 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7242359 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 45.266 | 0.19 | 1.0 | 25.00 | 20.41 | 99.4 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211241 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246297 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211241 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246298 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.082 | 0.039 | 0.20 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079292-016ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246302 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 64.244 | 0.19 | 1.0 | | | | | | 63.18 | 1.68 | 20 | | |

| Sample ID | N079292-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246303 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 88.261 | 0.19 | 1.0 | 25.00 | 63.18 | 100 | 90 | 110 | | | | | |

| Sample ID | N079292-020AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246304 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1038.770 | 3.9 | 20 | 500.0 | 548.1 | 98.1 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-020AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246305 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1045.990 | 3.9 | 20 | 500.0 | 548.1 | 99.6 | 90 | 110 | 1039 | 0.693 | 20 | | | |

| Sample ID | N079292-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246308 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 587.450 | 1.9 | 10 | 250.0 | 342.0 | 98.2 | 90 | 110 | | | | | | |

| Sample ID | N079292-022AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246310 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 23.220 | 0.19 | 1.0 | 5.000 | 18.07 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079292-021AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246312 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2.144 | 0.039 | 0.20 | 1.000 | 1.170 | 97.4 | 90 | 110 | | | | | | |

| Sample ID | N079292-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246314 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.826 | 0.19 | 1.0 | 5.000 | 0.8985 | 98.6 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079292-019AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246317**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.025 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID **N079292-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246320**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.010 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | |

Sample ID **N079292-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246322**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.583 | 0.19 | 1.0 | 5.000 | 0.5425 | 101 | 90 | 110 | | | | |

Sample ID **N079292-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246324**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 14.381 | 0.19 | 1.0 | 5.000 | 9.501 | 97.6 | 90 | 110 | | | | |

Sample ID **N079292-024AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246326**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.007 | 0.039 | 0.20 | 1.000 | 0 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079292-017AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246330 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.145 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079292-023AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246332 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 12.182 | 0.19 | 1.0 | 5.000 | 7.568 | 92.3 | 90 | 110 | | | | | | |

| Sample ID | N079293-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246334 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0.1361 | 96.1 | 90 | 110 | | | | | | |

| Sample ID | N079293-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246336 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0.1299 | 96.8 | 90 | 110 | | | | | | |

| Sample ID | N079293-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211241 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211241 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/2/2025 | | SeqNo: | 7246340 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.094 | 0.039 | 0.20 | 1.000 | 0.1277 | 96.6 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079293-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246342**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.096 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID **N079293-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246344**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.962 | 0.039 | 0.20 | 1.000 | 0 | 96.2 | 90 | 110 | | | | |

Sample ID **N079293-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246346**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.404 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N079293-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211241**
Client ID: **ZZZZZZ** Batch ID: **R211241** TestNo: **EPA 218.6** Analysis Date: **12/2/2025** SeqNo: **7246350**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.210 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125594 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244539 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 0.254 | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125594 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244540 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.744 | 0.13 | 1.0 | 10.00 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N079249-001C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7247677 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 342.839 | 1.3 | 10 | 10.00 | 310.2 | 327 | 75 | 125 | | | | S |

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7247678 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 365.880 | 1.3 | 10 | 10.00 | 310.2 | 557 | 75 | 125 | 342.8 | 6.50 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125595 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244571 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125595 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244572 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.070 | 0.13 | 1.0 | 10.00 | 0 | 111 | 85 | 115 | | | | |

| Sample ID | N079292-001C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244576 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.876 | 0.13 | 1.0 | 10.00 | 1.175 | 107 | 75 | 125 | | | | |

| Sample ID | N079292-001C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244577 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.754 | 0.13 | 1.0 | 10.00 | 1.175 | 106 | 75 | 125 | 11.88 | 1.03 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125849 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211629 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7269485 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125849 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211629 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7269486 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.397 | 0.13 | 1.0 | 10.00 | 0 | 104 | 85 | 115 | | | | |

| Sample ID | N079530-004CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211629 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7269500 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.852 | 0.13 | 1.0 | 10.00 | 0.9727 | 98.8 | 75 | 125 | | | | |

| Sample ID | N079530-004CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211629 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7269501 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.736 | 0.13 | 1.0 | 10.00 | 0.9727 | 97.6 | 75 | 125 | 10.85 | 1.07 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079249-001C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 211266 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7247676 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 437.460 | 1.3 | 10 | 100.0 | 310.2 | 127 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079292-001C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 211218 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7244575 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.915 | 0.13 | 1.0 | 10.00 | 1.175 | 107 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079530-004C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 211629 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7269499 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.865 | 0.13 | 1.0 | 10.00 | 0.9727 | 98.9 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079249 / N079292/ N079293
Test Method: EPA 6020
Analysis Date: 11/30 & 12/3/2025

Matrix: Surface Water
Batch No.: 125594

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079249-001C DT 5x | Arsenic | As | µg/L | 0.9954561 | NA | 1.294713 | 23.11% | 10 |
| N079249-001C DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079249-001C DT 5x | Molybdenum | Mo | µg/L | 4.223497 | NA | 3.966492 | 6.48% | 10 |
| N079249-001C DT 5x | Selenium | Se | µg/L | 11.0998 | NA | 10.51381 | 5.57% | 10 |
| N079249-001C DT 50x | Chromium | Cr | µg/L | 307.8309 | PASS | 310.161 | 0.75% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6020
Analysis Date: 11/29 & 12/4

Matrix: Surface Water
Batch No.: 125595

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mo failed
Dilution test is not applicable to Se, As, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079292-001C DT 5x | Molybdenum | Mo | µg/L | 43.92818 | FAIL | 39.87383 | 10.17% | 10 |
| N079292-001C DT 5x | Selenium | Se | µg/L | 1.897361 | NA | 1.443867 | 31.41% | 10 |
| N079292-001C DT 5x | Arsenic | As | µg/L | 0.4108647 | NA | 0 | | 10 |
| N079292-001C DT 5x | Manganese | Mn | µg/L | 41.39467 | PASS | 37.88755 | 9.26% | 10 |
| N079292-001C DT 5x | Chromium | Cr | µg/L | 1.233835 | NA | 1.174906 | 5.02% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6020
Analysis Date: 12/11/2025

Matrix: Surface Water
Batch No.: 125849

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079530-004C DT 5x | Chromium | Cr | µg/L | 0.9194209 | NA | 0.9727491 | 5.48% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-03-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 1:44:00 PM |
| **Lab ID:** | N079292-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 18 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-04-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:09:00 AM |
| **Lab ID:** | N079292-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 20 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:47:00 AM |
| **Lab ID:** | N079292-016 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 42 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 21 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60-125-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:19:00 AM |
| **Lab ID:** | N079292-018 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 55 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-61-110-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:00:00 PM |
| **Lab ID:** | N079292-019 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 54 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:20:00 AM |
| **Lab ID:** | N079292-020 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 110 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-63-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:13:00 AM |
| **Lab ID:** | N079292-021 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251202C** | QC Batch: **R211211** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 200 | 5.0 | 5.0 | | mg/L | 1 | 12/2/2025 03:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID **LCS-R211211** | SampType: **LCS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211211** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211211** | TestNo: **SM 2320 B** | | Analysis Date: **12/2/2025** | | | | SeqNo: **7244074** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 97.917 | 5.0 | 5.0 | 100.0 | 0 | 97.9 | 85 | 115 | | | | |

| Sample ID **MB-R211211** | SampType: **MBLK** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211211** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211211** | TestNo: **SM 2320 B** | | Analysis Date: **12/2/2025** | | | | SeqNo: **7244075** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

| Sample ID **N079292-016CDUP** | SampType: **DUP** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211211** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211211** | TestNo: **SM 2320 B** | | Analysis Date: **12/2/2025** | | | | SeqNo: **7244079** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 42.708 | 5.0 | 5.0 | | | | | | 41.67 | 2.47 | 30 | |

| Sample ID **N079292-016CMS** | SampType: **MS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211211** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211211** | TestNo: **SM 2320 B** | | Analysis Date: **12/2/2025** | | | | SeqNo: **7244080** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 135.417 | 5.0 | 5.0 | 100.0 | 41.67 | 93.8 | 75 | 125 | | | | |

| Sample ID **N079292-016CMSD** | SampType: **MSD** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **211211** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211211** | TestNo: **SM 2320 B** | | Analysis Date: **12/2/2025** | | | | SeqNo: **7244081** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 134.375 | 5.0 | 5.0 | 100.0 | 41.67 | 92.7 | 75 | 125 | 135.4 | 0.772 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-73-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:20:00 AM |
| **Lab ID:** | N079292-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.98 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 02:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-139-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:52:00 PM |
| **Lab ID:** | N079292-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.8 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 11:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-109-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:28:00 PM |
| **Lab ID:** | N079292-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 9.5 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 02:26 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41D-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.54 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 03:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41M-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.61 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 03:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41S-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:46:00 AM |
| **Lab ID:** | N079292-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 2.8 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 11:30 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-192-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:25:00 PM |
| **Lab ID:** | N079292-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.3 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 03:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-275-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:02:00 PM |
| **Lab ID:** | N079292-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.3 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 04:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-922-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:12:00 PM |
| **Lab ID:** | N079292-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.3 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 04:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-13-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:11:00 PM |
| **Lab ID:** | N079292-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 5.1 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 04:38 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-14-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:19:00 PM |
| **Lab ID:** | N079292-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251126A** | QC Batch: **R211012** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 3.2 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 04:54 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** ER-03-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 1:44:00 PM
**Lab ID:** N079292-014
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 11/26/2025 11:47 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 6200 | 580 | 1000 | | mg/L | 2000 | 11/26/2025 05:19 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 6.2 | 0.32 | 1.0 | | mg/L | 10 | 11/26/2025 11:47 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 760 | 34 | 50 | | mg/L | 100 | 11/26/2025 07:37 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 11:47 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-04-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:09:00 AM |
| **Lab ID:** | N079292-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 11/26/2025 12:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251201A** QC Batch: **R211147** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 6000 | 580 | 1000 | | mg/L | 2000 | 12/1/2025 11:29 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 6.2 | 0.32 | 1.0 | | mg/L | 10 | 11/26/2025 12:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 750 | 34 | 50 | | mg/L | 100 | 11/26/2025 08:27 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 12:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-72-080-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:47:00 AM
**Lab ID:** N079292-016
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/26/2025 12:19 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 5600 | 580 | 1000 | | mg/L | 2000 | 11/26/2025 06:48 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 5.1 | 0.16 | 0.50 | | mg/L | 5 | 11/26/2025 12:19 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 730 | 34 | 50 | | mg/L | 100 | 11/26/2025 08:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.0 | 0.12 | 0.25 | | mg/L | 5 | 11/26/2025 12:19 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/26/2025 12:35 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 5700 | 580 | 1000 | | mg/L | 2000 | 11/26/2025 07:04 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 5.7 | 0.16 | 0.50 | | mg/L | 5 | 11/26/2025 12:35 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 720 | 34 | 50 | | mg/L | 100 | 11/26/2025 09:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/26/2025 12:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-60-125-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:19:00 AM
**Lab ID:** N079292-018
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 11/26/2025 01:25 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2700 | 290 | 500 | | mg/L | 1000 | 11/26/2025 10:54 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 1.4 | 0.32 | 1.0 | | mg/L | 10 | 11/26/2025 01:25 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 450 | 34 | 50 | | mg/L | 100 | 11/26/2025 10:05 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 3.7 | 0.24 | 0.50 | | mg/L | 10 | 11/26/2025 01:25 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-61-110-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:00:00 PM |
| **Lab ID:** | N079292-019 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/26/2025 05:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 920 | 58 | 100 | | mg/L | 200 | 11/26/2025 07:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 0.89 | 0.16 | 0.50 | | mg/L | 5 | 11/26/2025 05:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 130 | 3.4 | 5.0 | | mg/L | 10 | 11/26/2025 01:41 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/26/2025 05:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:20:00 AM |
| **Lab ID:** | N079292-020 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/26/2025 12:52 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 1900 | 140 | 250 | | mg/L | 500 | 11/26/2025 03:41 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.7 | 0.16 | 0.50 | | mg/L | 5 | 11/26/2025 12:52 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 430 | 17 | 25 | | mg/L | 50 | 11/26/2025 10:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 4.6 | 0.12 | 0.25 | | mg/L | 5 | 11/26/2025 12:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-63-065-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 10:13:00 AM
**Lab ID:** N079292-021
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/26/2025 01:08 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 1600 | 140 | 250 | | mg/L | 500 | 11/26/2025 04:30 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 1.6 | 0.16 | 0.50 | | mg/L | 5 | 11/26/2025 01:08 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 530 | 17 | 25 | | mg/L | 50 | 11/26/2025 10:38 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251126A** QC Batch: **R211035** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 0.97 | 0.12 | 0.25 | | mg/L | 5 | 11/26/2025 01:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID | MB-R211035_BR | SampType: | MBLK | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229444 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R211035_BR | SampType: | LCS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229445 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.264 | 0.036 | 0.50 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N079292-016CDUP | SampType: | DUP | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229455 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.18 | 2.5 | | | | | | 0 | 0 | 20 | |

| Sample ID | N079292-014CMS | SampType: | MS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229456 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 12.510 | 0.36 | 5.0 | 12.50 | 0 | 100 | 80 | 120 | | | | |

| Sample ID | N079292-014CMSD | SampType: | MSD | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229457 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 12.536 | 0.36 | 5.0 | 12.50 | 0 | 100 | 80 | 120 | 12.51 | 0.208 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | MB-R211035_CL | SampType: | MBLK | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229403 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211035_CL | SampType: | LCS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229404 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 1.980 | 0.29 | 0.50 | 2.000 | 0 | 99.0 | 90 | 110 | | | | | |

| Sample ID | N079292-020CMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229408 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 2914.400 | 140 | 250 | 1000 | 1887 | 103 | 80 | 120 | | | | | |

| Sample ID | N079292-020CMSD | SampType: | MSD | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229409 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 2911.200 | 140 | 250 | 1000 | 1887 | 102 | 80 | 120 | 2914 | 0.110 | 20 | | |

| Sample ID | N079292-021CDUP | SampType: | DUP | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229411 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 1653.950 | 140 | 250 | | | | | | 1648 | 0.391 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | MB-R211147_CL | SampType: | MBLK | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211147 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7239435 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211147_CL | SampType: | LCS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211147 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7239436 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 1.971 | 0.29 | 0.50 | 2.000 | 0 | 98.6 | 90 | 110 | | | | | |

| Sample ID | N079292-015CDUP | SampType: | DUP | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211147 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7239438 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 6051.200 | 580 | 1000 | | | | | | 5969 | 1.37 | 20 | | |

| Sample ID | N079292-015CMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211147 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7239439 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 10057.000 | 580 | 1000 | 4000 | 5969 | 102 | 80 | 120 | | | | | |

| Sample ID | N079294-004AMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 211147 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | | SeqNo: | 7239441 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 9.825 | 1.4 | 2.5 | 10.00 | 0 | 98.2 | 80 | 120 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | N079294-004AMSD | SampType: | MSD | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | RunNo: | 211147 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211147 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/1/2025 | SeqNo: | 7239442 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 9.832 | 1.4 | 2.5 | 10.00 | 0 | 98.3 | 80 | 120 | 9.824 | 0.0712 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID | MB-R211035_F | SampType: | MBLK | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229353 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | | |

| Sample ID | LCS-R211035_F | SampType: | LCS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229354 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 1.276 | 0.032 | 0.10 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079292-016CDUP | SampType: | DUP | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229364 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 5.316 | 0.16 | 0.50 | | | | | | 5.112 | 3.90 | 20 | | |

| Sample ID | N079292-014CMS | SampType: | MS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229365 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 18.272 | 0.32 | 1.0 | 12.50 | 6.214 | 96.5 | 80 | 120 | | | | | |

| Sample ID | N079292-014CMSD | SampType: | MSD | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229366 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 19.124 | 0.32 | 1.0 | 12.50 | 6.214 | 103 | 80 | 120 | 18.27 | 4.56 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211035_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229759 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R211035_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229760 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 4.049 | 0.34 | 0.50 | 4.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N079292-014CMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229767 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1155.830 | 34 | 50 | 400.0 | 755.4 | 100 | 80 | 120 | | | | |

| Sample ID | N079292-014CMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229768 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1159.500 | 34 | 50 | 400.0 | 755.4 | 101 | 80 | 120 | 1156 | 0.317 | 20 | |

| Sample ID | N079292-015CDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211035 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7229770 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 749.170 | 34 | 50 | | | | | | 749.5 | 0.0494 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211012_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228071 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID | LCS-R211012_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228072 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.271 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | |

| Sample ID | N079292-002BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228075 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.730 | 0.24 | 0.50 | | | | | | 1.766 | 2.06 | 20 | |

| Sample ID | N079292-002BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228076 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 14.124 | 0.24 | 0.50 | 12.50 | 1.766 | 98.9 | 80 | 120 | | | | |

| Sample ID | N079292-006BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228077 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 15.384 | 0.24 | 0.50 | 12.50 | 2.762 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079292-006BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211012 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211012 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | SeqNo: | 7228078 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 15.194 | 0.24 | 0.50 | 12.50 | 2.762 | 99.5 | 80 | 120 | 15.38 | 1.24 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211035_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229469 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211035_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229470 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.273 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079292-016CDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229480 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.154 | 0.12 | 0.25 | | | | | | 1.006 | 13.7 | 20 | | |

| Sample ID | N079292-014CMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229481 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 11.884 | 0.24 | 0.50 | 12.50 | 0 | 95.1 | 80 | 120 | | | | | |

| Sample ID | N079292-014CMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211035 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211035 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/26/2025 | | SeqNo: | 7229482 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 11.875 | 0.24 | 0.50 | 12.50 | 0 | 95.0 | 80 | 120 | 11.88 | 0.0758 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** ER-03-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 1:44:00 PM
**Lab ID:** N079292-014
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | 550 | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:00 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 310 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:00 PM |
| Magnesium | 3.1 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:00 PM |
| Potassium | 53 | 2.2 | 12 | | mg/L | 25 | 12/3/2025 12:44 PM |
| Sodium | 3900 | 110 | 500 | | mg/L | 1000 | 12/3/2025 12:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** ER-04-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:09:00 AM
**Lab ID:** N079292-015
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | 130 | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:03 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 300 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:03 PM |
| Magnesium | 3.4 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:03 PM |
| Potassium | 73 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:01 PM |
| Sodium | 3600 | 57 | 250 | | mg/L | 500 | 12/3/2025 01:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-72-080-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:47:00 AM
**Lab ID:** N079292-016
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:05 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Calcium | 340 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:05 PM |
| Magnesium | 8.5 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:05 PM |
| Potassium | 66 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:04 PM |
| Sodium | 3500 | 57 | 250 | | mg/L | 500 | 12/3/2025 01:20 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:08 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 300 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:08 PM |
| Magnesium | 4.0 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:08 PM |
| Potassium | 64 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:07 PM |
| Sodium | 3400 | 57 | 250 | | mg/L | 500 | 12/3/2025 01:23 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-60-125-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:19:00 AM
**Lab ID:** N079292-018
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:10 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 560 | 0.34 | 2.5 | | mg/L | 5 | 11/30/2025 10:22 PM |
| Magnesium | 29 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:10 PM |
| Potassium | 38 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:10 PM |
| Sodium | 1500 | 14 | 62 | | mg/L | 125 | 12/3/2025 01:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-61-110-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 12:00:00 PM
**Lab ID:** N079292-019
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | 41 | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:12 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 130 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:12 PM |
| Magnesium | 4.3 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:12 PM |
| Potassium | 15 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:13 PM |
| Sodium | 570 | 14 | 62 | | mg/L | 125 | 12/3/2025 01:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**ASSET Laboratories**

# ANALYTICAL RESULTS

**Print Date:** *11-Dec-25*

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-62-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:20:00 AM |
| **Lab ID:** | N079292-020 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:15 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 240 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:15 PM |
| Magnesium | 32 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:15 PM |
| Potassium | 25 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:15 PM |
| Sodium | 1300 | 14 | 62 | | mg/L | 125 | 12/3/2025 01:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-63-065-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:13:00 AM |
| **Lab ID:** | N079292-021 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130A** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Iron | 21 | 5.8 | 20 | | µg/L | 1 | 11/30/2025 10:17 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251130M** | QC Batch: **125599** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Calcium | 170 | 0.068 | 0.50 | | mg/L | 1 | 11/30/2025 10:17 PM |
| Magnesium | 20 | 0.013 | 0.10 | | mg/L | 1 | 11/30/2025 10:17 PM |
| Potassium | 20 | 0.45 | 2.5 | | mg/L | 5 | 12/3/2025 12:24 PM |
| Sodium | 1400 | 14 | 62 | | mg/L | 125 | 12/3/2025 01:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-125599 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211113 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7237223 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 6.570 | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS1-125599 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211113 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7237224 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.400 | 5.8 | 20 | 100.0 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N079248-001B-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211113 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7237228 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 120.680 | 5.8 | 20 | 100.0 | 7.400 | 113 | 75 | 125 | | | | |

| Sample ID | N079248-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211113 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7237229 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.540 | 5.8 | 20 | 100.0 | 7.400 | 116 | 75 | 125 | 120.7 | 2.34 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-125599 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211238 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7246178 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID | LCS1-125599 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211238 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7246179 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 10.301 | 0.068 | 0.50 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Magnesium | 10.130 | 0.013 | 0.10 | 10.00 | 0 | 101 | 85 | 115 | | | | |

| Sample ID | N079248-001B-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211238 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7246183 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 265.371 | 0.068 | 0.50 | 10.00 | 260.0 | 53.6 | 75 | 125 | | | | S |
| Magnesium | 60.173 | 0.013 | 0.10 | 10.00 | 49.85 | 103 | 75 | 125 | | | | |

| Sample ID | N079248-001B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211238 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7246184 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 278.233 | 0.068 | 0.50 | 10.00 | 260.0 | 182 | 75 | 125 | 265.4 | 4.73 | 20 | S |
| Magnesium | 62.422 | 0.013 | 0.10 | 10.00 | 49.85 | 126 | 75 | 125 | 60.17 | 3.67 | 20 | S |

| Sample ID | MB-125599 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248635 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-125599 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248635 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID | LCS2-125599 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248636 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 10.927 | 0.089 | 0.50 | 10.00 | 0 | 109 | 85 | 115 | | | | |
| Sodium | 10.072 | 0.11 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |

| Sample ID | N079292-014B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248653 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 64.201 | 2.2 | 12 | 10.00 | 52.69 | 115 | 75 | 125 | | | | |

| Sample ID | N079292-014B-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248654 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 4031.894 | 110 | 500 | 10.00 | 3939 | 930 | 75 | 125 | | | | S |

| Sample ID | N079292-014B-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/29/2025 | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248655 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 65.677 | 2.2 | 12 | 10.00 | 52.69 | 130 | 75 | 125 | 64.20 | 2.27 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079292-014B-MSD | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 211274 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125599 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/3/2025 | SeqNo: | 7248658 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 3893.275 | 110 | 500 | 10.00 | 3939 | -456 | 75 | 125 | 4032 | 3.50 | 0 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | **N079248-001B-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | | | | RunNo: **211113** | | | | |
| Client ID: | **ZZZZZZ** | Batch ID: **125599** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: | **11/30/2025** | | | SeqNo: **7237227** | | | | |
| Analyte | | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Iron | | 100.080 | 5.8 | 20 | 100.0 | 7.400 | 92.7 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID **N079248-001B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211238**
Client ID: **ZZZZZZ** Batch ID: **125599** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7246182**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 269.697 | 0.068 | 0.50 | 10.00 | 260.0 | 96.8 | 80 | 120 | | | | |
| Magnesium | 60.102 | 0.013 | 0.10 | 10.00 | 49.85 | 103 | 80 | 120 | | | | |

Sample ID **N079292-014B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211274**
Client ID: **ZZZZZZ** Batch ID: **125599** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/3/2025** SeqNo: **7248651**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 377.314 | 2.2 | 12 | 250.0 | 52.69 | 130 | 80 | 120 | | | | S |

Sample ID **N079292-014B-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211274**
Client ID: **ZZZZZZ** Batch ID: **125599** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/3/2025** SeqNo: **7248652**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 14551.116 | 110 | 500 | 10000 | 3939 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6010B
Analysis Date: 12/3/2025

Matrix: Groundwater
Batch No.: 125599

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for K failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079292-014B DT 125x | Potassium | K | mg/L | 40.73949 | FAIL | 52.69323 | 22.69% | 10 |
| N079292-014B DT 5000x | Sodium | Na | mg/L | 3967.015 | PASS | 3938.908 | 0.71% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6010B
Analysis Date: 11/30/2025

Matrix: Groundwater
Batch No.: 125599

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079248-001B DT 5x | Calcium | Ca | mg/L | 278.9502 | PASS | 260.015 | 7.28% | 10 |
| N079248-001B DT 5x | Magnesium | Mg | mg/L | 50.33485 | PASS | 49.84957 | 0.97% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6010B
Analysis Date: 11/30/2025

Matrix: Groundwater
Batch No.: 125599

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079248-001B DT 5x | Iron | Fe | µg/L | 0 | NA | 7.4 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-73-080-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 10:20:00 AM |
| **Lab ID:** | N079292-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 10:51 AM |
| Manganese | 38 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 03:53 AM |
| Molybdenum | 40 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 05:23 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 05:23 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-139-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:52:00 PM |
| **Lab ID:** | N079292-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 10:57 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 04:22 AM |
| Molybdenum | 3.9 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 05:52 PM |
| Selenium | 1.0 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 04:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-109-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:28:00 PM |
| **Lab ID:** | N079292-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 0.53 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 05:58 PM |
| Manganese | 23 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 04:28 AM |
| Molybdenum | 7.5 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 05:58 PM |
| Selenium | 6.8 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 05:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41D-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 06:21 PM |
| Manganese | 37 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 04:51 AM |
| Molybdenum | 79 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:21 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/7/2025 11:03 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41M-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:05:00 AM |
| **Lab ID:** | N079292-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 11:08 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 04:57 AM |
| Molybdenum | 28 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:27 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 04:57 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-41S-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 9:46:00 AM |
| **Lab ID:** | N079292-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | 0.66 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 06:32 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:03 AM |
| Molybdenum | 12 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:32 PM |
| Selenium | 2.9 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 06:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-192-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:25:00 PM |
| **Lab ID:** | N079292-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 11:14 AM |
| Manganese | 55 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:09 AM |
| Molybdenum | 27 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:38 PM |
| Selenium | 1.1 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 05:09 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-87-275-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:02:00 PM |
| **Lab ID:** | N079292-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251204F** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 12/5/2025 05:15 AM |
| Manganese | 83 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:15 AM |
| Molybdenum | 42 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:44 PM |
| Selenium | 0.98 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 05:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-922-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 4:12:00 PM |
| **Lab ID:** | N079292-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 2.5 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 06:50 PM |
| Manganese | 84 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:21 AM |
| Molybdenum | 41 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:50 PM |
| Selenium | 1.1 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 06:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-13-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 3:11:00 PM |
| **Lab ID:** | N079292-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | 1.5 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 06:56 PM |
| Manganese | 5.1 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:26 AM |
| Molybdenum | 9.9 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 06:56 PM |
| Selenium | 4.0 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 06:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-14-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 2:19:00 PM |
| **Lab ID:** | N079292-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 11:20 AM |
| Manganese | 0.73 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 05:32 AM |
| Molybdenum | 8.5 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 07:02 PM |
| Selenium | 1.9 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 07:02 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** ER-03-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 1:44:00 PM
**Lab ID:** N079292-014
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 9.5 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:07 PM |
| Manganese | 540 | 0.46 | 5.0 | | µg/L | 10 | 12/5/2025 05:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** ER-04-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:09:00 AM
**Lab ID:** N079292-015
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 7.5 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:31 PM |
| Manganese | 390 | 0.46 | 5.0 | | µg/L | 10 | 12/5/2025 06:07 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-72-080-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 11:47:00 AM
**Lab ID:** N079292-016
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | | **11/29/2025** | Analyst: **DJ** |
| Arsenic | 9.0 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:37 PM |
| Manganese | 30 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 06:13 AM |
| Molybdenum | 78 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 07:37 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 07:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-72BR-200-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:29:00 PM |
| **Lab ID:** | N079292-017 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 11 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:42 PM |
| Manganese | 88 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 06:19 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-60-125-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 11:19:00 AM |
| **Lab ID:** | N079292-018 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | | PrepDate: | **11/29/2025** | Analyst: **DJ** |
| Arsenic | 1.1 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:48 PM |
| Manganese | 35 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 06:25 AM |
| Molybdenum | 19 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 07:48 PM |
| Selenium | 5.2 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 07:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-61-110-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:00:00 PM |
| **Lab ID:** | N079292-019 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 1.7 | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 07:54 PM |
| Manganese | 800 | 0.46 | 5.0 | | µg/L | 10 | 12/5/2025 06:42 AM |
| Molybdenum | 30 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 07:54 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 07:54 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-62-065-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 9:20:00 AM
**Lab ID:** N079292-020
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251204F** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 0.34 | 0.067 | 0.10 | | µg/L | 1 | 12/5/2025 06:48 AM |
| Manganese | 1.5 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 06:48 AM |
| Molybdenum | 10 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 08:00 PM |
| Selenium | 3.8 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 08:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-63-065-Q425
**Lab Order:** N079292
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/25/2025 10:13:00 AM
**Lab ID:** N079292-021
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 11:26 AM |
| Manganese | 3.8 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 07:11 AM |
| Molybdenum | 16 | 0.063 | 0.50 | | µg/L | 1 | 11/30/2025 08:06 PM |
| Selenium | 0.96 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 07:11 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-93-050-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 1:16:00 PM |
| **Lab ID:** | N079292-022 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251207C** | QC Batch: **125595** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | 0.45 | 0.067 | 0.10 | | µg/L | 1 | 12/7/2025 11:32 AM |
| Manganese | 35 | 0.046 | 0.50 | | µg/L | 1 | 12/5/2025 07:17 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-93-213-Q425 |
| **Lab Order:** | N079292 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/25/2025 12:48:00 PM |
| **Lab ID:** | N079292-023 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251129C** | QC Batch: **125594** | | | PrepDate: | **11/29/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/30/2025 04:13 PM |
| Manganese | 14 | 0.046 | 0.50 | | µg/L | 1 | 11/30/2025 04:13 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-125594** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **PBW** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243452**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID **LCS-125594** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **LCSW** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243453**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.054 | 0.067 | 0.10 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Manganese | 108.590 | 0.046 | 0.50 | 100.0 | 0 | 109 | 85 | 115 | | | | |
| Molybdenum | 9.664 | 0.063 | 0.50 | 10.00 | 0 | 96.6 | 85 | 115 | | | | |
| Selenium | 10.038 | 0.29 | 0.50 | 10.00 | 0 | 100 | 85 | 115 | | | | |

Sample ID **N079249-001C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **ZZZZZZ** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243460**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.254 | 0.067 | 0.10 | 10.00 | 1.295 | 99.6 | 75 | 125 | | | | |
| Manganese | 105.356 | 0.046 | 0.50 | 100.0 | 0 | 105 | 75 | 125 | | | | |
| Molybdenum | 15.409 | 0.063 | 0.50 | 10.00 | 3.966 | 114 | 75 | 125 | | | | |

Sample ID **N079249-001C-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/29/2025** RunNo: **211187**
Client ID: **ZZZZZZ** Batch ID: **125594** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/30/2025** SeqNo: **7243463**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.033 | 0.067 | 0.10 | 10.00 | 1.295 | 97.4 | 75 | 125 | 11.25 | 1.98 | 20 | |
| Manganese | 104.737 | 0.046 | 0.50 | 100.0 | 0 | 105 | 75 | 125 | 105.4 | 0.590 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243463 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 14.995 | 0.063 | 0.50 | 10.00 | 3.966 | 110 | 75 | 125 | 15.41 | 2.72 | 20 | |

| Sample ID | N079249-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252730 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 20.216 | 0.29 | 0.50 | 10.00 | 10.51 | 97.0 | 75 | 125 | | | | |

| Sample ID | N079249-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252731 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 20.431 | 0.29 | 0.50 | 10.00 | 10.51 | 99.2 | 75 | 125 | 20.22 | 1.06 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125595 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243484 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125595 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243485 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.433 | 0.067 | 0.10 | 10.00 | 0 | 104 | 85 | 115 | | | | |
| Molybdenum | 9.560 | 0.063 | 0.50 | 10.00 | 0 | 95.6 | 85 | 115 | | | | |
| Selenium | 10.565 | 0.29 | 0.50 | 10.00 | 0 | 106 | 85 | 115 | | | | |

| Sample ID | N079292-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243489 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 49.473 | 0.063 | 0.50 | 10.00 | 39.87 | 96.0 | 75 | 125 | | | | |
| Selenium | 9.904 | 0.29 | 0.50 | 10.00 | 1.444 | 84.6 | 75 | 125 | | | | |

| Sample ID | N079292-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243490 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 48.765 | 0.063 | 0.50 | 10.00 | 39.87 | 88.9 | 75 | 125 | 49.47 | 1.44 | 20 | |
| Selenium | 10.492 | 0.29 | 0.50 | 10.00 | 1.444 | 90.5 | 75 | 125 | 9.904 | 5.77 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125595 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211379 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125595 | TestNo: | EPA 6020 | | EPA 3010A | Analysis Date: | 12/5/2025 | SeqNo: | 7252846 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125595 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211379 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125595 | TestNo: | EPA 6020 | | EPA 3010A | Analysis Date: | 12/5/2025 | SeqNo: | 7252847 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 101.347 | 0.046 | 0.50 | 100.0 | 0 | 101 | 85 | 115 | | | | |

| Sample ID | N079292-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211379 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | | EPA 3010A | Analysis Date: | 12/5/2025 | SeqNo: | 7252851 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 137.409 | 0.046 | 0.50 | 100.0 | 37.89 | 99.5 | 75 | 125 | | | | |

| Sample ID | N079292-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211379 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | | EPA 3010A | Analysis Date: | 12/5/2025 | SeqNo: | 7252852 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 141.135 | 0.046 | 0.50 | 100.0 | 37.89 | 103 | 75 | 125 | 137.4 | 2.68 | 20 | |

| Sample ID | N079292-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | | EPA 3010A | Analysis Date: | 11/30/2025 | SeqNo: | 7270359 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.786 | 0.067 | 0.10 | 10.00 | 0 | 108 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079292-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/29/2025 | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7270360 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.851 | 0.067 | 0.10 | 10.00 | 0 | 109 | 75 | 125 | 10.79 | 0.606 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079249-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243459 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.447 | 0.067 | 0.10 | 10.00 | 1.295 | 102 | 80 | 120 | | | | |
| Manganese | 103.035 | 0.046 | 0.50 | 100.0 | 0 | 103 | 80 | 120 | | | | |
| Molybdenum | 14.803 | 0.063 | 0.50 | 10.00 | 3.966 | 108 | 80 | 120 | | | | |

| Sample ID | N079249-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125594 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7252729 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selenium | 19.996 | 0.29 | 0.50 | 10.00 | 10.51 | 94.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079292
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079292-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7243488 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 53.700 | 0.063 | 0.50 | 10.00 | 39.87 | 138 | 80 | 120 | | | | S |
| Selenium | 8.796 | 0.29 | 0.50 | 10.00 | 1.444 | 73.5 | 80 | 120 | | | | S |

| Sample ID | N079292-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211379 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/5/2025 | SeqNo: | 7252850 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 142.016 | 0.046 | 0.50 | 100.0 | 37.89 | 104 | 80 | 120 | | | | |

| Sample ID | N079292-001C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211187 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125595 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/30/2025 | SeqNo: | 7270358 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.869 | 0.067 | 0.10 | 10.00 | 0 | 109 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079249 / N079292/ N079293
Test Method: EPA 6020
Analysis Date: 11/30 & 12/3/2025

Matrix: Surface Water
Batch No.: 125594

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to several analytes. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079249-001C DT 5x | Arsenic | As | µg/L | 0.9954561 | NA | 1.294713 | 23.11% | 10 |
| N079249-001C DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079249-001C DT 5x | Molybdenum | Mo | µg/L | 4.223497 | NA | 3.966492 | 6.48% | 10 |
| N079249-001C DT 5x | Selenium | Se | µg/L | 11.0998 | NA | 10.51381 | 5.57% | 10 |
| N079249-001C DT 50x | Chromium | Cr | µg/L | 307.8309 | PASS | 310.161 | 0.75% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079292
Test Method: EPA 6020
Analysis Date: 11/29 & 12/4

Matrix: Surface Water
Batch No.: 125595

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mo failed
Dilution test is not applicable to Se, As, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079292-001C DT 5x | Molybdenum | Mo | µg/L | 43.92818 | FAIL | 39.87383 | 10.17% | 10 |
| N079292-001C DT 5x | Selenium | Se | µg/L | 1.897361 | NA | 1.443867 | 31.41% | 10 |
| N079292-001C DT 5x | Arsenic | As | µg/L | 0.4108647 | NA | 0 | | 10 |
| N079292-001C DT 5x | Manganese | Mn | µg/L | 41.39467 | PASS | 37.88755 | 9.26% | 10 |
| N079292-001C DT 5x | Chromium | Cr | µg/L | 1.233835 | NA | 1.174906 | 5.02% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 12/11/202 12:00 AM
FOLDER R: 11/25/2025
N079292-025A 1 of 1

# ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 2 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirem: |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Nina Ty | Phone: 720.344.3771 Fax: | Phone: Fax: | Others ✓ |
| Title: PM | | | Specify: RWQCB |
| Signature: Date: 11/25/25 | Sampled By: Nina Ty | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11/25/25 | | |
| Project Number: 30251660 | | | |

| | | | |
|---|---|---|---|
| RTNE | | Y | N |
| RWQCB | ✓ | 1. Chilled | ✓ |
| CalTrans | | 2. Headspace | |
| LEVEL III | | 3. Container Intact | ✓ |
| LEVEL IV | | 4. Seal Present | |
| Regulatory | | 5. IR number 4 | |
| Specify State: | | 6. Method of Cooling: ICE | |
| | | Sample Temp: 3.1/1.5/2.7°C | |
| | | Courier: ASSET | |
| | | Tracking No.: | |

**Matrix**

| | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | 250 mL poly: Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH | 1L poly: Nitrate (EPA 300.0) | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, | 500mL poly: Dissolved metals (SW6020) FF; HNO3 molybdenum, selenium | 1L poly: Nitrate (EPA 300.0) | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079292-001 | MW-73-080-Q425 | 11/25/2025 | 10:20 | | X | X | X | X | | | | E | 3 | P | BN | |
| 2 | -002 | MW-87-139-Q425 | 11/25/2025 | 14:52 | | X | X | X | X | | | | E | 3 | P | BN | |
| 3 | -003 | MW-87-109-Q425 | 11/25/2025 | 15:28 | | X | X | X | X | | | | E | 3 | P | BN | |
| 4 | -004 | MW-41D-Q425 | 11/25/2025 | 9:05 | | X | X | X | X | | | | E | 3 | P | BN | |
| 5 | -005 | MW-41M-Q425 | 11/25/2025 | 9:05 | | X | X | X | X | | | | E | 3 | P | BN | |
| | -006 | MW-41S-Q425 | 11/25/2025 | 9:46 | | X | X | X | X | | | | E | 3 | P | BN | |
| 7 | -007 | MW-87-192-Q425 | 11/25/2025 | 15:25 | | X | X | X | X | | | | E | 3 | P | BN | |
| 8 | -008 | MW-87-275-Q425 | 11/25/2025 | 16:02 | | X | X | X | X | | | | E | 3 | P | BN | |
| 9 | -009 | MW-922-Q425 | 11/25/2025 | 16:12 | | X | X | X | X | | | | E | 3 | P | BN | |
| 10 | -010 | EB-736-Q425 | 11/25/2025 | 16:22 | | X | | | | | | | E | 1 | P | BN | |
| 11 | -011 | MW-13-Q425 | 11/25/2025 | 15:11 | | X | X | X | X | | | | E | 3 | P | BN | |
| 12 | -012 | MW-14-Q425 | 11/25/2025 | 14:19 | | X | X | X | X | | | | E | 3 | P | BN | |
| 13 | -013 | EB-735-Q425 | 11/25/2025 | 15:40 | | X | | | | | | | E | 1 | P | BN | |
| 14 | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Nina Ty | 11/25/25 1858 | VR MARLAND | 11/25/25 1858 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| VR MARLAND | 11/25/25 1935 | VR MARLAND | 11/25/25 1935 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blank [illegible]
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 2


Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com


| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement: Others ✓ (Specify: RWQCB) |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | QA/QC: RWQCB ✓ |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: | Phone: 720.344.3771 Fax: | Phone: Fax: | Global ID: |
| Title: | | | Specify State: |
| Signature: Date: 11/25/25 | Sampled By: | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11/25/25 | | |
| Project Number: 30251660 | | | |

*I hereby authorize ASSET Labs to perform the tests indicated below.*

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for*

Matrix: Ground; Potable; NPDES; Surface (X); Sediment; Soil; Other Solid

Sample Receipt Condition

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | ✓ |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | ✓ |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 3.1/1.5/2.7°C

Courier: ASSET

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate (EPA 300.0) (1L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Ammonia as N (SM4500-NH3D); H2SO4 (500mL poly) | Nitrate, bromide, chloride, fluoride, sulfate (EPA 300.0); (1L poly) | Alkalinity, Total as CaCO3 (SM2320B) (1L poly) | Total Dissolved Solids (SM2540C) (1L poly) | Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 (125mL poly) | TOC (SM5310C); H2SO4 (3x40 mL VOA) | Dissolved metals (SW6020) FF; HNO3, calcium, iron, potassium, sodium, magnesium, manganese (500mL poly) | Total metals, Iron (SW6010); HNO3 (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079292-014 | ER-03-Q425 | 11/25/2025 | 13:44 | | X | | | X | | X | X | X | | X | X | | X | E | 3 | P | BN | |
| 2 | -015 | ER-04-Q425 | 11/25/2025 | 11:09 | | X | | | X | | X | X | X | | X | X | | X | E | 3 | P | BN | |
| 3 | -016 | MW-72-080-Q425 | 11/25/2025 | 11:47 | | X | | X | X | | X | X | X | | X | X | | | E | 3 | P | BN | |
| 4 | -017 | MW-72BR-200-Q425 | 11/25/2025 | 12:29 | | X | | | X | | X | X | X | | X | X | | X | E | 3 | P | BN | |
| 5 | -018 | MW-60-125-Q425 | 11/25/2025 | 11:19 | | X | | X | X | | X | X | X | | X | X | | | E | 3 | P | BN | |
| | -019 | MW-61-110-Q425 | 11/25/2025 | 12:00 | | X | | X | X | | X | X | X | | X | X | | | E | 3 | P | BN | |
| 7 | -020 | MW-62-065-Q425 | 11/25/2025 | 9:20 | | X | | X | X | | X | X | X | | X | X | | | E | 3 | P | BN | Hold |
| 8 | -021 | MW-63-065-Q425 | 11/25/2025 | 10:13 | | X | | X | X | | X | X | X | | X | X | | | E | 3 | P | BN | |
| 9 | -022 | MW-93-050-Q425 | 11/25/2025 | 13:16 | | X | | | X | | | | | | | | | X | E | 2 | P | BN | |
| 10 | -023 | MW-93-213-Q425 | 11/25/2025 | 12:48 | | X | | | X | | | | | | | | | X | E | 2 | P | BN | |
| 11 | -024 | EB-737-Q425 | 11/25/2025 | 15:40 | | X | | | | | | | | | | | | | E | 1 | P | BN | |
| 12 | | | | | | | | | | | | | | | | | | | E | 2 | P | BN | |
| 13 | | | | | | | | | | | | | | | | | | | E | 2 | P | BN | |
| 14 | | | | | | | | | | | | | | | | | | | E | 2 | P | BN | |

| Relinquished by (Signature and Printed Name) | Date/Time | Received by (Signature and Printed Name) | Date/Time |
|---|---|---|---|
| | 11/25/25 1700 | VR MARIANO | 11/25/25 1700 |
| VR MARIANO | 11/25/25 1935 | VR MARIANO | 11/25/25 1935 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 11/25/2025 Workorder: N079292

Rep sample Temp (Deg C): 3.1 / 1.5 / 2.7 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: N/A Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

FOR

Checklist Completed By: VM Marcus C 11/26/2025

Reviewed By: MBC For: Ian Almario 11/26/2025

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-001A | MW-73-080-Q425 | 11/25/2025 10:20:00 AM | 12/11/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-001B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-001C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-002A | MW-87-139-Q425 | 11/25/2025 2:52:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-002B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-002C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-003A | MW-87-109-Q425 | 11/25/2025 3:28:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-003B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-003C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-004A | MW-41D-Q425 | 11/25/2025 9:05:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-004B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-004C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-005A | MW-41M-Q425 | | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-005B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-005C | MW-41M-Q425 | 11/25/2025 9:05:00 AM | 12/11/2025 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-006A | MW-41S-Q425 | 11/25/2025 9:46:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-006B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-006C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-007A | MW-87-192-Q425 | 11/25/2025 3:25:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-007B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-007C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-008A | MW-87-275-Q425 | 11/25/2025 4:02:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-008B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-008C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-009A | MW-922-Q425 | 11/25/2025 4:12:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-009B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-009C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-009C | MW-922-Q425 | 11/25/2025 4:12:00 PM | 12/11/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-010A | EB-736-Q425 | 11/25/2025 4:22:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-011A | MW-13-Q425 | 11/25/2025 3:11:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-011B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-011C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-012A | MW-14-Q425 | 11/25/2025 2:19:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-012B | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079292-012C | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-013A | EB-735-Q425 | 11/25/2025 3:40:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-014A | ER-03-Q425 | 11/25/2025 1:44:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-014B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-014C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-014C | ER-03-Q425 | 11/25/2025 1:44:00 PM | 12/11/2025 | Surface Water | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-015A | ER-04-Q425 | 11/25/2025 11:09:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-015B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-015C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-015C | ER-04-Q425 | 11/25/2025 11:09:00 AM | 12/11/2025 | Surface Water | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-016A | MW-72-080-Q425 | 11/25/2025 11:47:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-016B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-016C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-017A | MW-72BR-200-Q425 | 11/25/2025 12:29:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-017B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-017B | MW-72BR-200-Q425 | 11/25/2025 12:29:00 PM | 12/11/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-017C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-018A | MW-60-125-Q425 | 11/25/2025 11:19:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-018B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-018C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-018C | MW-60-125-Q425 | 11/25/2025 11:19:00 AM | 12/11/2025 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-019A | MW-61-110-Q425 | 11/25/2025 12:00:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-019B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-019C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-020A | MW-62-065-Q425 | 11/25/2025 9:20:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-020B | MW-62-065-Q425 | 11/25/2025 9:20:00 AM | 12/11/2025 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-020C | | | 12/11/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-021A | MW-63-065-Q425 | 11/25/2025 10:13:00 AM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-021B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*26-Nov-25*

**WorkOrder:** N079292

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/25/2025 7:35 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079292-021C | MW-63-065-Q425 | 11/25/2025 10:13:00 AM | 12/11/2025 | Surface Water | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079292-022A | MW-93-050-Q425 | 11/25/2025 1:16:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-022B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-023A | MW-93-213-Q425 | 11/25/2025 12:48:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-023B | | | 12/11/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/11/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079292-024A | EB-737-Q425 | 11/25/2025 3:40:00 PM | 12/11/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079292-025A | FOLDER | 12/11/2025 | 12/11/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/11/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/11/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 09, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079198

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

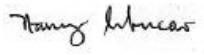
Enclosed are the results for sample(s) received on November 21, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079198

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for sample N079198-008 due to matrix. Sample has color.

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N079198-007 (MW-57-070-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Calcium in QC samples N078918-001E-MSD1 and N079198-005BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N078918-002E-MS2 and N078918-002E-MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (1.4 ug/L) and hexavalent chromium (0 ug/L) for sample N079198-007 (MW-57-070-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.5 and 8.1 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium and Manganese in QC samples N079198-005BMS and N079198-005BMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079198
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079198-001A | MW-926-Q425 | Surface Water | 11/21/2025 8:54:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-001B | MW-926-Q425 | Surface Water | 11/21/2025 8:54:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-001C | MW-926-Q425 | Surface Water | 11/21/2025 8:54:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-002A | TW-01-Q425 | Surface Water | 11/21/2025 8:44:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-002B | TW-01-Q425 | Surface Water | 11/21/2025 8:44:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-002C | TW-01-Q425 | Surface Water | 11/21/2025 8:44:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-003A | EB-729-Q425 | Surface Water | 11/21/2025 9:00:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-004A | ER-01-Q425 | Surface Water | 11/21/2025 8:10:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-004B | ER-01-Q425 | Surface Water | 11/21/2025 8:10:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-004C | ER-01-Q425 | Surface Water | 11/21/2025 8:10:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-005A | ER-02-Q425 | Surface Water | 11/21/2025 9:07:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-005B | ER-02-Q425 | Surface Water | 11/21/2025 9:07:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-005C | ER-02-Q425 | Surface Water | 11/21/2025 9:07:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-006A | EB-730-Q425 | Surface Water | 11/21/2025 9:17:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-007A | MW-57-070-Q425 | Surface Water | 11/21/2025 8:35:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-007B | MW-57-070-Q425 | Surface Water | 11/21/2025 8:35:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-007C | MW-57-070-Q425 | Surface Water | 11/21/2025 8:35:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-008A | MW-57-185-Q425 | Surface Water | 11/21/2025 9:04:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-008B | MW-57-185-Q425 | Surface Water | 11/21/2025 9:04:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-008C | MW-57-185-Q425 | Surface Water | 11/21/2025 9:04:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-009A | MW-59-100-Q425 | Surface Water | 11/21/2025 9:45:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-009B | MW-59-100-Q425 | Surface Water | 11/21/2025 9:45:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-009C | MW-59-100-Q425 | Surface Water | 11/21/2025 9:45:00 AM | 11/21/2025 | 12/9/2025 |
| N079198-010A | EB-731-Q425 | Surface Water | 11/21/2025 10:05:00 AM | 11/21/2025 | 12/9/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:10:00 AM |
| **Lab ID:** | N079198-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251123A** | QC Batch: **125455** | | | PrepDate: | **11/23/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 3900 | 50 | 50 | | mg/L | 1 | 11/23/2025 01:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-02-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 9:07:00 AM
**Lab ID:** N079198-005 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251123A** QC Batch: **125455** PrepDate: **11/23/2025** Analyst: **LGS** | | | | | | | |
| Total Dissolved Solids (Residue, Filterable) | 5500 | 100 | 100 | | mg/L | 1 | 11/23/2025 01:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-070-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:35:00 AM |
| **Lab ID:** | N079198-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251123A** | QC Batch: **125455** | | | PrepDate: | **11/23/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 410 | 10 | 10 | | mg/L | 1 | 11/23/2025 01:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-185-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:04:00 AM |
| **Lab ID:** | N079198-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251123A** | QC Batch: **125455** | | | PrepDate: | **11/23/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 760 | 10 | 10 | | mg/L | 1 | 11/23/2025 01:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

Sample ID: **LCS-125455** SampType: **LCS** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **11/23/2025** RunNo: **210939**
Client ID: **LCSW** Batch ID: **125455** TestNo: **SM2540C** Analysis Date: **11/23/2025** SeqNo: **7222858**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 982.000 | 10 | 10 | 1000 | 0 | 98.2 | 80 | 120 | | | | |

Sample ID: **MB-125455** SampType: **MBLK** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **11/23/2025** RunNo: **210939**
Client ID: **PBW** Batch ID: **125455** TestNo: **SM2540C** Analysis Date: **11/23/2025** SeqNo: **7222859**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

Sample ID: **N079198-005CDUP** SampType: **DUP** TestCode: **160.1_2540C_** Units: **mg/L** Prep Date: **11/23/2025** RunNo: **210939**
Client ID: **ZZZZZZ** Batch ID: **125455** TestNo: **SM2540C** Analysis Date: **11/23/2025** SeqNo: **7222865**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 5500.000 | 100 | 100 | | | | | | 5490 | 0.182 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-926-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 8:54:00 AM
**Lab ID:** N079198-001 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** QC Batch: **R211095** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 4800 | 39 | 200 | | µg/L | 1000 | 11/26/2025 05:19 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 4800 | 13 | 100 | | µg/L | 100 | 11/29/2025 07:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:44:00 AM |
| **Lab ID:** | N079198-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** | QC Batch: **R211095** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 4700 | 39 | 200 | | µg/L | 1000 | 11/26/2025 05:37 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 5000 | 13 | 100 | | µg/L | 100 | 11/29/2025 07:19 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-729-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:00:00 AM |
| **Lab ID:** | N079198-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** | QC Batch: **R211095** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/26/2025 06:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:10:00 AM |
| **Lab ID:** | N079198-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** QC Batch: **R211123** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 51 | 0.39 | 2.0 | | µg/L | 10 | 11/29/2025 01:11 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 49 | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 07:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-02-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:07:00 AM |
| **Lab ID:** | N079198-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 550 | 3.9 | 20 | | µg/L | 100 | 11/29/2025 01:41 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 580 | 1.3 | 10 | | µg/L | 10 | 11/29/2025 07:54 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-730-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:17:00 AM |
| **Lab ID:** | N079198-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** | QC Batch: **R211095** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/26/2025 06:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-070-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:35:00 AM |
| **Lab ID:** | N079198-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** | QC Batch: **R211095** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/26/2025 07:12 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 1.4 | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 08:53 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-185-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:04:00 AM |
| **Lab ID:** | N079198-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251126A** | QC Batch: **R211095** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/26/2025 07:31 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 09:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-59-100-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:45:00 AM |
| **Lab ID:** | N079198-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251129A** QC Batch: **R211123** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1600 | 7.7 | 40 | | µg/L | 200 | 11/29/2025 02:18 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 1800 | 1.3 | 10 | | µg/L | 10 | 11/29/2025 09:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-731-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 10:05:00 AM |
| **Lab ID:** | N079198-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251129A** | QC Batch: **R211123** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/29/2025 02:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **LCS-R211095** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235291** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.002 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | |

| Sample ID: **MB-R211095** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235292** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **N079152-012AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235294** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2896.540 | 7.7 | 40 | 1000 | 1933 | 96.4 | 90 | 110 | | | | |

| Sample ID: **N079152-012AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235295** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2910.980 | 7.7 | 40 | 1000 | 1933 | 97.8 | 90 | 110 | 2897 | 0.497 | 20 | |

| Sample ID: **N079152-013ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235297** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4705.600 | 19 | 100 | | | | | | 4567 | 2.99 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079152-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235298**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7095.300 | 19 | 100 | 2500 | 4567 | 101 | 90 | 110 | | | | |

Sample ID: **N079152-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235302**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1036.060 | 3.9 | 20 | 500.0 | 540.8 | 99.1 | 90 | 110 | | | | |

Sample ID: **N079152-015AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235304**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 64.282 | 0.19 | 1.0 | 25.00 | 39.92 | 97.5 | 90 | 110 | | | | |

Sample ID: **N079152-016AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235308**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 9.817 | 0.039 | 0.20 | 5.000 | 4.349 | 109 | 90 | 110 | | | | |

Sample ID: **N079152-017AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235309**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 8.338 | 0.039 | 0.20 | 5.000 | 3.311 | 101 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079152-018AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235310**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.130 | 0.039 | 0.20 | 1.000 | 3.204 | 92.5 | 90 | 110 | | | | |

Sample ID: **N079152-021AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235314**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 15.550 | 0.19 | 1.0 | 5.000 | 10.88 | 93.5 | 90 | 110 | | | | |

Sample ID: **N079152-022AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235316**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 15.243 | 0.19 | 1.0 | 5.000 | 10.52 | 94.4 | 90 | 110 | | | | |

Sample ID: **N079152-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235318**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.096 | 0.039 | 0.20 | 1.000 | 0.1282 | 96.8 | 90 | 110 | | | | |

Sample ID: **N079152-023AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235320**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.064 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079152-019AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235324**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.518 | 0.19 | 1.0 | 5.000 | 0.5260 | 99.8 | 90 | 110 | | | | |

Sample ID: **N079198-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235326**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 9877.200 | 39 | 200 | 5000 | 4824 | 101 | 90 | 110 | | | | |

Sample ID: **N079198-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235328**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 9788.800 | 39 | 200 | 5000 | 4705 | 102 | 90 | 110 | | | | |

Sample ID: **N079198-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235332**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.055 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID: **N079198-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211095**
Client ID: **ZZZZZZ** Batch ID: **R211095** TestNo: **EPA 218.6** Analysis Date: **11/26/2025** SeqNo: **7235334**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.064 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N079198-007AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235336** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.178 | 0.039 | 0.20 | 1.000 | 0.1646 | 101 | 90 | 110 | | | | |

| Sample ID: **N079198-008AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235338** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.791 | 0.19 | 1.0 | 5.000 | 0.9315 | 97.2 | 90 | 110 | | | | |

| Sample ID: **N079152-020AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211095** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211095** | TestNo: **EPA 218.6** | | Analysis Date: **11/26/2025** | SeqNo: **7235340** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 8.500 | 0.19 | 1.0 | 5.000 | 3.916 | 91.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **MB-R211123** SampType: **MBLK** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **PBW** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238121**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

Sample ID: **LCS-R211123** SampType: **LCS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **LCSW** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238122**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.014 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | |

Sample ID: **N079152-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238124**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.299 | 0.19 | 1.0 | 5.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID: **N079198-004ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238126**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 50.889 | 0.39 | 2.0 | | | | | | 51.04 | 0.288 | 20 | |

Sample ID: **N079198-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238127**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 98.718 | 0.39 | 2.0 | 50.00 | 51.04 | 95.4 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079198-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238129**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1028.440 | 3.9 | 20 | 500.0 | 549.2 | 95.8 | 90 | 110 | | | | |

Sample ID: **N079198-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238133**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2677.440 | 7.7 | 40 | 1000 | 1608 | 107 | 90 | 110 | | | | |

Sample ID: **N079198-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238135**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.090 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID: **N079198-005AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238136**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1049.120 | 3.9 | 20 | 500.0 | 549.2 | 100 | 90 | 110 | 1028 | 1.99 | 20 | |

Sample ID: **N079249-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238138**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 571.560 | 1.9 | 10 | 250.0 | 330.8 | 96.3 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079249-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238140**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 17040.200 | 77 | 400 | 10000 | 7090 | 99.5 | 90 | 110 | | | | |

Sample ID: **N079249-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238144**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.113 | 0.039 | 0.20 | 1.000 | 0.1080 | 101 | 90 | 110 | | | | |

Sample ID: **N079249-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238146**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 70.923 | 0.19 | 1.0 | 25.00 | 46.31 | 98.5 | 90 | 110 | | | | |

Sample ID: **N079249-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238148**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 41.374 | 0.19 | 1.0 | 25.00 | 15.95 | 102 | 90 | 110 | | | | |

Sample ID: **N079249-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238150**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.068 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079249-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238152**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.095 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | |

Sample ID: **N079249-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238156**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.079 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID: **N079249-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238160**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.919 | 0.19 | 1.0 | 5.000 | 0 | 98.4 | 90 | 110 | | | | |

Sample ID: **N079249-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211123**
Client ID: **ZZZZZZ** Batch ID: **R211123** TestNo: **EPA 218.6** Analysis Date: **11/29/2025** SeqNo: **7238162**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.901 | 0.039 | 0.20 | 1.000 | 0 | 90.1 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125449** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240140** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125449** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240141** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.150 | 0.13 | 1.0 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID: **N079198-005BMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240171** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 623.835 | 1.3 | 10 | 10.00 | 582.4 | 415 | 75 | 125 | | | | S |

| Sample ID: **N079198-005BMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240175** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 676.907 | 1.3 | 10 | 10.00 | 582.4 | 945 | 75 | 125 | 623.8 | 8.16 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079198-005B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **211157**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/29/2025** SeqNo: **7240169**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 668.179 | 1.3 | 10 | 100.0 | 582.4 | 85.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079150 / N079198
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 50x | Chromium | Cr | µg/L | 542.0734 | PASS | 582.3602 | 6.92% | 10 |

12/09/2025

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:10:00 AM |
| **Lab ID:** | N079198-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251122B** | QC Batch: **R210868** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 59 | 5.0 | 5.0 | | mg/L | 1 | 11/22/2025 12:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-02-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:07:00 AM |
| **Lab ID:** | N079198-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251122B** | QC Batch: **R210868** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 96 | 5.0 | 5.0 | | mg/L | 1 | 11/22/2025 12:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-070-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:35:00 AM |
| **Lab ID:** | N079198-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251122B** | QC Batch: **R210868** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 69 | 5.0 | 5.0 | | mg/L | 1 | 11/22/2025 12:30 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-185-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:04:00 AM |
| **Lab ID:** | N079198-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251122B** | QC Batch: **R210868** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 140 | 5.0 | 5.0 | | mg/L | 1 | 11/22/2025 12:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID: **LCS-R210868** | SampType: **LCS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210868** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210868** | TestNo: **SM 2320 B** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7218749** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 94.792 | 5.0 | 5.0 | 100.0 | 0 | 94.8 | 85 | 115 | | | | |

| Sample ID: **MB-R210868** | SampType: **MBLK** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210868** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210868** | TestNo: **SM 2320 B** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7218750** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

| Sample ID: **N079198-005CDUP** | SampType: **DUP** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210868** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210868** | TestNo: **SM 2320 B** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7218760** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 96.875 | 5.0 | 5.0 | | | | | | 95.83 | 1.08 | 30 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210868** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210868** | TestNo: **SM 2320 B** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7218761** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 188.542 | 5.0 | 5.0 | 100.0 | 95.83 | 92.7 | 75 | 125 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **2320_W_SP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210868** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210868** | TestNo: **SM 2320 B** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7218762** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Alkalinity, Total (As CaCO3) | 189.583 | 5.0 | 5.0 | 100.0 | 95.83 | 93.8 | 75 | 125 | 188.5 | 0.551 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-926-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:54:00 AM |
| **Lab ID:** | N079198-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** | QC Batch: **R210819** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 12 | 0.48 | 1.0 | | mg/L | 20 | 11/22/2025 12:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:44:00 AM |
| **Lab ID:** | N079198-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** | QC Batch: **R210819** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 11 | 0.48 | 1.0 | | mg/L | 20 | 11/22/2025 12:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-01-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 8:10:00 AM
**Lab ID:** N079198-004 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 11/22/2025 11:44 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2300 | 290 | 500 | | mg/L | 1000 | 11/22/2025 05:29 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.3 | 0.32 | 1.0 | | mg/L | 10 | 11/22/2025 11:44 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 11/22/2025 05:45 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.2 | 0.24 | 0.50 | | mg/L | 10 | 11/22/2025 11:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-02-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 9:07:00 AM
**Lab ID:** N079198-005 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.36 | 5.0 | | mg/L | 10 | 11/22/2025 11:28 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 3200 | 290 | 500 | | mg/L | 1000 | 11/22/2025 02:45 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.7 | 0.32 | 1.0 | | mg/L | 10 | 11/22/2025 11:28 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 620 | 34 | 50 | | mg/L | 100 | 11/22/2025 03:50 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | **EPA 300.0** | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 1.7 | 0.24 | 0.50 | | mg/L | 10 | 11/22/2025 11:28 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-57-070-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 8:35:00 AM
**Lab ID:** N079198-007 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/22/2025 12:01 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 170 | 14 | 25 | | mg/L | 50 | 11/22/2025 06:02 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | ND | 0.16 | 0.50 | | mg/L | 5 | 11/22/2025 12:01 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 41 | 17 | 25 | | mg/L | 50 | 11/22/2025 06:02 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/22/2025 12:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-57-185-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 9:04:00 AM
**Lab ID:** N079198-008 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Bromide | ND | 0.18 | 2.5 | | mg/L | 5 | 11/22/2025 12:17 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 250 | 14 | 25 | | mg/L | 50 | 11/22/2025 06:18 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 1.8 | 0.16 | 0.50 | | mg/L | 5 | 11/22/2025 12:17 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 48 | 17 | 25 | | mg/L | 50 | 11/22/2025 06:18 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** QC Batch: **R210819** | | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 11/22/2025 12:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-59-100-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:45:00 AM |
| **Lab ID:** | N079198-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** | QC Batch: **R210819** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.1 | 0.24 | 0.50 | | mg/L | 10 | 11/22/2025 01:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID: **MB-R210819_BR** | SampType: **MBLK** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214220** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R210819_BR** | SampType: **LCS** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214221** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Bromide | 1.254 | 0.036 | 0.50 | 1.250 | 0 | 100 | 90 | 110 | | | | |

| Sample ID: **N079198-004CDUP** | SampType: **DUP** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214226** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Bromide | 0.503 | 0.36 | 5.0 | | | | | | 0.3690 | 0 | 20 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214229** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Bromide | 12.852 | 0.36 | 5.0 | 12.50 | 0 | 103 | 80 | 120 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **300_W_BRP** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214230** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Bromide | 13.155 | 0.36 | 5.0 | 12.50 | 0 | 105 | 80 | 120 | 12.85 | 2.33 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID: **MB-R210819_CL** | SampType: **MBLK** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214200** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R210819_CL** | SampType: **LCS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214201** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2.017 | 0.29 | 0.50 | 2.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079198-005CDUP** | SampType: **DUP** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214205** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3107.000 | 290 | 500 | | | | | | 3162 | 1.77 | 20 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214206** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5195.900 | 290 | 500 | 2000 | 3162 | 102 | 80 | 120 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **300_W_CLPG** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214207** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5180.000 | 290 | 500 | 2000 | 3162 | 101 | 80 | 120 | 5196 | 0.306 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID: **MB-R210819_F** | SampType: **MBLK** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214181** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | |

| Sample ID: **LCS-R210819_F** | SampType: **LCS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214182** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.268 | 0.032 | 0.10 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079198-004CDUP** | SampType: **DUP** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214187** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 2.828 | 0.32 | 1.0 | | | | | | 3.281 | 14.8 | 20 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214190** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 16.037 | 0.32 | 1.0 | 12.50 | 3.668 | 99.0 | 80 | 120 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **210819** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | SeqNo: **7214191** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 15.911 | 0.32 | 1.0 | 12.50 | 3.668 | 97.9 | 80 | 120 | 16.04 | 0.789 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R210819_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214345** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R210819_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214346** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 4.067 | 0.34 | 0.50 | 4.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID: **N079198-005CDUP** | SampType: **DUP** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214350** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 621.410 | 34 | 50 | | | | | | 624.7 | 0.531 | 20 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214351** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 1021.480 | 34 | 50 | 400.0 | 624.7 | 99.2 | 80 | 120 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214352** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 1021.460 | 34 | 50 | 400.0 | 624.7 | 99.2 | 80 | 120 | 1021 | 0.00196 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **MB-R210819_NO3** | SampType: **MBLK** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214239** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID: **LCS-R210819_NO3** | SampType: **LCS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214240** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 1.298 | 0.024 | 0.050 | 1.250 | 0 | 104 | 90 | 110 | | | | |

| Sample ID: **N079198-004CDUP** | SampType: **DUP** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214248** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 6.348 | 0.24 | 0.50 | | | | | | 6.153 | 3.12 | 20 | |

| Sample ID: **N079198-005CMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214251** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 13.652 | 0.24 | 0.50 | 12.50 | 1.673 | 95.8 | 80 | 120 | | | | |

| Sample ID: **N079198-005CMSD** | SampType: **MSD** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | | | | RunNo: **210819** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210819** | TestNo: **EPA 300.0** | | Analysis Date: **11/22/2025** | | | | SeqNo: **7214252** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Nitrate as N | 13.744 | 0.24 | 0.50 | 12.50 | 1.673 | 96.6 | 80 | 120 | 13.65 | 0.672 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-01-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 8:10:00 AM
**Lab ID:** N079198-004 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126E** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 180 | 5.8 | 20 | | µg/L | 1 | 11/26/2025 03:53 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126D** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Calcium | 160 | 0.068 | 0.50 | | mg/L | 1 | 11/26/2025 03:53 PM |
| Magnesium | 13 | 0.013 | 0.10 | | mg/L | 1 | 11/26/2025 03:53 PM |
| Potassium | 27 | 0.45 | 2.5 | | mg/L | 5 | 11/24/2025 03:56 PM |
| Sodium | 1300 | 14 | 62 | | mg/L | 125 | 11/24/2025 05:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-02-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 9:07:00 AM
**Lab ID:** N079198-005 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126E** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 40 | 5.8 | 20 | | µg/L | 1 | 11/26/2025 03:55 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126D** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Calcium | 190 | 0.068 | 0.50 | | mg/L | 1 | 11/26/2025 03:55 PM |
| Magnesium | 14 | 0.013 | 0.10 | | mg/L | 1 | 11/26/2025 03:55 PM |
| Potassium | 31 | 0.45 | 2.5 | | mg/L | 5 | 11/24/2025 03:59 PM |
| Sodium | 2000 | 14 | 62 | | mg/L | 125 | 11/24/2025 05:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-57-070-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/21/2025 8:35:00 AM
**Lab ID:** N079198-007
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126E** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | 260 | 5.8 | 20 | | µg/L | 1 | 11/26/2025 04:16 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126D** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Calcium | 140 | 0.068 | 0.50 | | mg/L | 1 | 11/26/2025 04:16 PM |
| Magnesium | 9.8 | 0.013 | 0.10 | | mg/L | 1 | 11/26/2025 04:16 PM |
| Potassium | 4.7 | 0.089 | 0.50 | | mg/L | 1 | 11/24/2025 05:27 PM |
| Sodium | 44 | 0.57 | 2.5 | | mg/L | 5 | 11/24/2025 04:02 PM |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-57-185-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/21/2025 9:04:00 AM
**Lab ID:** N079198-008
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126E** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/26/2025 04:18 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126D** | QC Batch: **125450** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Calcium | 24 | 0.068 | 0.50 | | mg/L | 1 | 11/26/2025 04:18 PM |
| Magnesium | ND | 0.013 | 0.10 | | mg/L | 1 | 11/26/2025 04:18 PM |
| Potassium | 5.3 | 0.45 | 2.5 | | mg/L | 5 | 11/24/2025 04:05 PM |
| Sodium | 220 | 2.8 | 12 | | mg/L | 25 | 11/24/2025 05:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **LCS1-125450** SampType: **LCS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211032**
Client ID: **LCSW** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228835**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 99.460 | 5.8 | 20 | 100.0 | 0 | 99.5 | 85 | 115 | | | | |

Sample ID: **N078918-001E-MS1** SampType: **MS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211032**
Client ID: **ZZZZZZ** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228839**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 200.000 | 5.8 | 20 | 100.0 | 105.9 | 94.1 | 75 | 125 | | | | |

Sample ID: **N078918-001E-MSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211032**
Client ID: **ZZZZZZ** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228840**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 200.180 | 5.8 | 20 | 100.0 | 105.9 | 94.3 | 75 | 125 | 200.0 | 0.0900 | 20 | |

Sample ID: **N079198-005BMS** SampType: **MS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211032**
Client ID: **ZZZZZZ** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228858**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 134.320 | 5.8 | 20 | 100.0 | 40.09 | 94.2 | 75 | 125 | | | | |

Sample ID: **N079198-005BMSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211032**
Client ID: **ZZZZZZ** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228859**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 136.130 | 5.8 | 20 | 100.0 | 40.09 | 96.0 | 75 | 125 | 134.3 | 1.34 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-125450** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211032** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228863** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **MB-125450** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219467** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID: **LCS2-125450** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219468** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 8.776 | 0.089 | 0.50 | 10.00 | 0 | 87.8 | 85 | 115 | | | | |
| Sodium | 8.790 | 0.11 | 0.50 | 10.00 | 0 | 87.9 | 85 | 115 | | | | |

| Sample ID: **N078918-002E-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219493** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 35.623 | 0.45 | 2.5 | 10.00 | 23.14 | 125 | 75 | 125 | | | | |

| Sample ID: **N078918-002E-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219494** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1420.848 | 57 | 250 | 10.00 | 1309 | 1120 | 75 | 125 | | | | S |

| Sample ID: **N078918-002E-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219495** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 34.789 | 0.45 | 2.5 | 10.00 | 23.14 | 117 | 75 | 125 | 35.62 | 2.37 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **N078918-002E-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **210886** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | SeqNo: **7219496** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1338.738 | 57 | 250 | 10.00 | 1309 | 298 | 75 | 125 | 1421 | 5.95 | 20 | S |

| Sample ID: **LCS1-125450** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **211030** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228685** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 10.155 | 0.068 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |
| Magnesium | 10.168 | 0.013 | 0.10 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID: **N078918-001E-MS1** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **211030** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228689** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 249.731 | 0.068 | 0.50 | 10.00 | 237.5 | 122 | 75 | 125 | | | | |
| Magnesium | 57.105 | 0.013 | 0.10 | 10.00 | 46.89 | 102 | 75 | 125 | | | | |

| Sample ID: **N078918-001E-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **211030** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228690** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 251.764 | 0.068 | 0.50 | 10.00 | 237.5 | 143 | 75 | 125 | 249.7 | 0.811 | 20 | S |
| Magnesium | 57.472 | 0.013 | 0.10 | 10.00 | 46.89 | 106 | 75 | 125 | 57.11 | 0.641 | 20 | |

| Sample ID: **N079198-005BMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | RunNo: **211030** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228708** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 192.760 | 0.068 | 0.50 | 10.00 | 186.4 | 64.0 | 75 | 125 | | | | S |
| Magnesium | 23.504 | 0.013 | 0.10 | 10.00 | 13.60 | 99.0 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079198-005BMSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: **11/23/2025** RunNo: **211030**
Client ID: **ZZZZZZ** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228709**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 195.566 | 0.068 | 0.50 | 10.00 | 186.4 | 92.1 | 75 | 125 | 192.8 | 1.45 | 20 | |
| Magnesium | 23.650 | 0.013 | 0.10 | 10.00 | 13.60 | 100 | 75 | 125 | 23.50 | 0.618 | 20 | |

Sample ID: **MB-125450** SampType: **MBLK** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: **11/23/2025** RunNo: **211030**
Client ID: **PBW** Batch ID: **125450** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/26/2025** SeqNo: **7228713**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **N078918-001E-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211032** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228838** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 206.150 | 5.8 | 20 | 100.0 | 105.9 | 100 | 80 | 120 | | | | |

| Sample ID: **N079198-005B-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **211032** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7228855** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 143.640 | 5.8 | 20 | 100.0 | 40.09 | 104 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **N078918-002E-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: | | | | RunNo: **210886** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | | | | SeqNo: **7219491** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Potassium | 89.008 | 0.45 | 2.5 | 50.00 | 23.14 | 132 | 80 | 120 | | | | S |

| Sample ID: **N078918-002E-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: | | | | RunNo: **210886** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/24/2025** | | | | SeqNo: **7219492** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sodium | 6305.670 | 57 | 250 | 5000 | 1309 | 99.9 | 80 | 120 | | | | |

| Sample ID: **N078918-001E-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **11/23/2025** | | | | RunNo: **211030** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | | | | SeqNo: **7228688** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Calcium | 248.827 | 0.068 | 0.50 | 10.00 | 237.5 | 113 | 80 | 120 | | | | |
| Magnesium | 58.107 | 0.013 | 0.10 | 10.00 | 46.89 | 112 | 80 | 120 | | | | |

| Sample ID: **N079198-005B-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: | | | | RunNo: **211030** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125450** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/26/2025** | | | | SeqNo: **7228705** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Calcium | 196.793 | 0.068 | 0.50 | 10.00 | 186.4 | 104 | 80 | 120 | | | | |
| Magnesium | 24.740 | 0.013 | 0.10 | 10.00 | 13.60 | 111 | 80 | 120 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079052 / N079198
Test Method: EPA 6010B
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 5x | Iron | Fe | µg/L | 38.7 | NA | 40.09 | 3.47% | 10 |

12/08/2025

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078918 / N079052 / N079198
Test Method: EPA 6010B
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Al, B, Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-001E DT 5x | Aluminum | Al | mg/L | 0 | NA | 0 | | 10 |
| N078918-001E DT 5x | Boron | B | mg/L | 1.16495 | NA | 1.16578 | 0.07% | 10 |
| N078918-001E DT 5x | Calcium | Ca | mg/L | 257.1859 | PASS | 237.4834 | 8.30% | 10 |
| N078918-001E DT 5x | Magnesium | Mg | mg/L | 47.899 | PASS | 46.88844 | 2.16% | 10 |
| N078918-001E DT 5x | Iron | Fe | µg/L | 107.05 | NA | 105.93 | 1.06% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079052 / N079198
Test Method: EPA 6010B
Analysis Date: 11/24/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for K failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-002E DT 25x | Potassium | K | mg/L | 17.70745 | FAIL | 23.13521 | 23.46% | 10 |
| N078918-002E DT 2500x | Sodium | Na | mg/L | 1396.62 | PASS | 1308.92 | 6.70% | 10 |

12/08/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079918 / N079052 / N079198
Test Method: EPA 6010B
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Al & B. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 5x | Aluminum | Al | mg/L | 0.0672 | NA | 0.02652 | 153.39% | 10 |
| N079198-005B DT 5x | Boron | B | mg/L | 1.34835 | NA | 1.39113 | 3.08% | 10 |
| N079198-005B DT 5x | Calcium | Ca | mg/L | 191.5078 | PASS | 186.3581 | 2.76% | 10 |
| N079198-005B DT 5x | Magnesium | Mg | mg/L | 13.6556 | PASS | 13.60141 | 0.40% | 10 |

Note: NA - Not Applicable

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-926-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/21/2025 8:54:00 AM
**Lab ID:** N079198-001
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:38 AM |
| Manganese | 0.57 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 07:02 AM |
| Molybdenum | 12 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:38 AM |
| Selenium | 25 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:38 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:44:00 AM |
| **Lab ID:** | N079198-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:44 AM |
| Manganese | 0.64 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 07:14 AM |
| Molybdenum | 12 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:44 AM |
| Selenium | 24 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | ER-01-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:10:00 AM |
| **Lab ID:** | N079198-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251202C** | QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/3/2025 02:53 AM |
| Manganese | 58 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 07:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** ER-02-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/21/2025 9:07:00 AM
**Lab ID:** N079198-005 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 07:13 AM |
| Manganese | 220 | 0.46 | 5.0 | | µg/L | 10 | 11/29/2025 07:54 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-070-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 8:35:00 AM |
| **Lab ID:** | N079198-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 5.4 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 07:42 AM |
| Manganese | 640 | 0.46 | 5.0 | | µg/L | 10 | 11/29/2025 08:59 AM |
| Molybdenum | 6.9 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 07:42 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 07:42 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-57-185-Q425 |
| **Lab Order:** | N079198 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/21/2025 9:04:00 AM |
| **Lab ID:** | N079198-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 8.7 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 07:48 AM |
| Manganese | 0.63 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 09:04 AM |
| Molybdenum | 14 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 07:48 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 07:48 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-59-100-Q425
**Lab Order:** N079198
**Project:** PG&E Topock - RCM, 30251660
**Collection Date:** 11/21/2025 9:45:00 AM
**Lab ID:** N079198-009
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 3.1 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 08:00 AM |
| Manganese | 2.0 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 09:16 AM |
| Molybdenum | 5.0 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 08:00 AM |
| Selenium | 6.1 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 08:00 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125449** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **PBW** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238364**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125449** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **LCSW** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238365**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.473 | 0.067 | 0.10 | 10.00 | 0 | 94.7 | 85 | 115 | | | | |
| Molybdenum | 9.557 | 0.063 | 0.50 | 10.00 | 0 | 95.6 | 85 | 115 | | | | |
| Selenium | 9.589 | 0.29 | 0.50 | 10.00 | 0 | 95.9 | 85 | 115 | | | | |

Sample ID: **N079198-005BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238389**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.782 | 0.067 | 0.10 | 10.00 | 0 | 87.8 | 75 | 125 | | | | |
| Molybdenum | 33.221 | 0.063 | 0.50 | 10.00 | 23.05 | 102 | 75 | 125 | | | | |
| Selenium | 11.505 | 0.29 | 0.50 | 10.00 | 2.057 | 94.5 | 75 | 125 | | | | |

Sample ID: **N079198-005BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238390**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.731 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | 8.782 | 0.586 | 20 | |
| Molybdenum | 33.142 | 0.063 | 0.50 | 10.00 | 23.05 | 101 | 75 | 125 | 33.22 | 0.238 | 20 | |
| Selenium | 11.901 | 0.29 | 0.50 | 10.00 | 2.057 | 98.4 | 75 | 125 | 11.50 | 3.39 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **MB-125449** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239882** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-125449** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239883** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 102.738 | 0.046 | 0.50 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079198-005BMS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239913** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 346.230 | 0.46 | 5.0 | 100.0 | 219.1 | 127 | 75 | 125 | | | | S |

| Sample ID: **N079198-005BMSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239917** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 369.276 | 0.46 | 5.0 | 100.0 | 219.1 | 150 | 75 | 125 | 346.2 | 6.44 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079198
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079198-005B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238388**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.005 | 0.067 | 0.10 | 10.00 | 0 | 90.0 | 80 | 120 | | | | |
| Molybdenum | 33.328 | 0.063 | 0.50 | 10.00 | 23.05 | 103 | 80 | 120 | | | | |
| Selenium | 11.532 | 0.29 | 0.50 | 10.00 | 2.057 | 94.7 | 80 | 120 | | | | |

Sample ID: **N079198-005B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **211154**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/29/2025** SeqNo: **7239911**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1229.414 | 0.46 | 5.0 | 1000 | 219.1 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079150 / N079198
Test Method: EPA 6020
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mo failed. However, PS passed criteria.
Dilution test is not applicable to As & Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079198-005B DT 5x | Molybdenum | Mo | µg/L | 30.58996 | FAIL | 23.05196 | 32.70% | 10 |
| N079198-005B DT 5x | Selenium | Se | µg/L | 2.937888 | NA | 2.056713 | 42.84% | 10 |

12/09/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079198 / N079150
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 50x | Manganese | Mn | µg/L | 272.673 | FAIL | 219.0723 | 24.47% | 10 |

12/09/2025

Note: NA - Not Applicable

12/09/25 13:20

N079198_6020_125449_DT

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/9/2025 12:00 AM
FOLDER R: 11/21/2025
N079198-011A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Nara Tay | | Phone: Fax: | |
| Title: PM | Phone: 720.344.3771 Fax: | | |
| Signature: Date: 11/21/25 | Sampled By: Nara Tay | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11/21/25 | | |
| Project Number: 30251660 | | | |

*I hereby authorize ASSET Labs to perform the tests indicated below*

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misabeling the sample location, date or time of collection is considered fraud and may be grounds for*

Matrix: Ground | Sediment | Potable | Soil | NPDES | Other Solid | Surface X

| | |
|---|---|
| Excel EDD | RTNE |
| Geotracker | RWQCB ✓ |
| Labspec | CalTrans |
| Others ✓ | LEVEL III |
| Specify: RWQCB | LEVEL IV |
| Global ID: | Regulatory |
| | Specify State: |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | | |
| 6. Method of Cooling: | ICE | |

Sample Temp: 1.9°C

Courier: ASSET

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | 250 mL poly: Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH | 1L poly: Nitrate (EPA 300.0) | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, | 500mL poly: Ammonia as N (SM4500-NH3D); H2SO4 | 1L poly: Nitrate, bromide, chloride, fluoride, sulfate (EPA 300.0) | 1L poly: Alkalinity, Total as CaCO3 (SM2320B) | 1L poly: Total Dissolved Solids (SM2540C) | 125mL poly: Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 | 3x40 mL VOA: TOC (SM5310C); H2SO4 | 500mL poly: Dissolved metals (SW6020) FF; HNO3, calcium, iron, potassium, sodium, magnesium, manganese | 500mL poly: Total metals, Iron (SW6010); HNO3 | 500mL poly: Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079198-001 | MW-926-Q425 | 11/21/2025 | 8:54 | | X | X | X | X | | ~~X~~ | ~~X~~ | ~~X~~ | | ~~X~~ | X | ~~X~~ | | E | 3 | P | BN | |
| 2 | -002 | TW-01-Q425 | 11/21/2025 | 8:44 | | X | X | X | X | | ~~X~~ | ~~X~~ | ~~X~~ | | ~~X~~ | X | ~~X~~ | | E | 3 | P | BN | |
| 3 | -003 | EB-729-Q425 | 11/21/2025 | 9:00 | | X | | | | | | | | | ~~X~~ | | | | E | 1 | P | BN | |
| 4 | -004 | ER-01-Q425 | 11/21/2025 | 8:10 | | X | | | X | | X | X | X | | ~~X~~ | X | | X | E | 3 | P | BN | |
| 5 | -005 | ER-02-Q425 | 11/21/2025 | 9:07 | | X | | | X | | X | X | X | | ~~X~~ | X | | X | E | 3 | P | BN | MS/MSD |
| | -006 | EB-730-Q425 | 11/21/2025 | 9:17 | | X | | | | | | | | | | | | | E | 1 | P | BN | |
| 7 | -007 | MW-57-070-Q425 | 11/21/2025 | 8:35 | | X | X | X | X | | X | X | X | | | X | | | E | 3 | P | BN | ~~Hold~~ |
| 8 | -008 | MW-57-185-Q425 | 11/21/2025 | 09:04 | | X | X | X | X | | X | X | X | | | X | | | E | 3 | P | BN | |
| 9 | -009 | MW-59-100-Q425 | 11/21/2025 | 09:45 | | X | X | X | X | | | | | | | | | | E | 3 | P | BN | |
| 10 | -010 | EB-731-Q425 | 11/21/2025 | 10:05 | | | | | | | | | | | | | | | E | 1 | P | BN | |
| 11 | | | | | | | | | | | | | | | | | | | E | ~~2~~ | P | BN | |
| 12 | | | | | | | | | | | | | | | | | | | E | ~~2~~ | P | BN | |
| 13 | | | | | | | | | | | | | | | | | | | E | ~~2~~ | P | BN | |
| 14 | | | | | | | | | | | | | | | | | | | E | ~~2~~ | P | BN | |

| Relinquished by (Signature and Printed Name) | Date/Time: | Relinquished by (Signature and Printed Name) | Date/Time: |
|---|---|---|---|
| Nara Tay | 11/21/25 1008 | Michael Montana | 11/21/25 1235 |
| Michael Montana | 11/21/25 1608 | JR MARLAND | 11/21/25 1608 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs =200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 11/21/2025 Workorder: N079198

Rep sample Temp (Deg C): 1.9 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Vaughn Mariano
11/24/2025

Reviewed By: For: MBC Mary Ann Yarra
12/03/2025

**Subject:** RE: PG&E Topock - RCM, 30251660 (ASSET Labs No. N079198)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 12/1/2025, 12:22 PM
**To:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**CC:** "vaughn@assetlaboratories.com" <vaughn@assetlaboratories.com>, 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>

Hi Yoandra,
Yes, Sample 10 should be analyzed for Cr6.

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**Sent:** Monday, December 1, 2025 2:05 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** vaughn@assetlaboratories.com; 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>
**Subject:** PG&E Topock - RCM, 30251660 (ASSET Labs No. N079198)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Please confirm if sample 10 on the attached COC should be analyzed for Cr 6+.

--
**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N079198

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/21/2025 4:08 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079198-001A | MW-926-Q425 | 11/21/2025 8:54:00 AM | 12/9/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-001B | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079198-001C | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-002A | TW-01-Q425 | 11/21/2025 8:44:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-002B | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079198-002C | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-003A | EB-729-Q425 | 11/21/2025 9:00:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-004A | ER-01-Q425 | 11/21/2025 8:10:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-004B | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-004C | | | 12/9/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N079198

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/21/2025 4:08 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079198-004C | ER-01-Q425 | 11/21/2025 8:10:00 AM | 12/9/2025 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079198-005A | ER-02-Q425 | 11/21/2025 9:07:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079198-005B | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☑ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☑ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079198-005C | | | 12/9/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | | Total Dissolved Solids Prep | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/9/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☑ | ☐ | LGS |
| N079198-006A | EB-730-Q425 | 11/21/2025 9:17:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N079198

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/21/2025 4:08 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079198-007A | MW-57-070-Q425 | 11/21/2025 8:35:00 AM | 12/9/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-007B | | | 12/9/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079198-007C | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-008A | MW-57-185-Q425 | 11/21/2025 9:04:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-008B | | | 12/9/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*24-Nov-25*

**WorkOrder:** N079198

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/21/2025 4:08 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079198-008B | MW-57-185-Q425 | 11/21/2025 9:04:00 AM | 12/9/2025 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/9/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079198-008C | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-009A | MW-59-100-Q425 | 11/21/2025 9:45:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-009B | | | 12/9/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079198-009C | | | 12/9/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/9/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079198-010A | EB-731-Q425 | 11/21/2025 10:05:00 AM | 12/9/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079198-011A | FOLDER | 12/9/2025 | 12/9/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/9/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/9/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 02, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079692

RE: PG&E Topock - IM3, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 11, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - IM3, 30251660
**Lab Order:** N079692

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Subcontracted Analyses:

Nitrate/Nitrite was subcontracted to Pace Analytical- Bakersfield, CA.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0.89 ug/L) for sample N079692-005 (CW-04D-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (3.2 ug/L) and hexavalent chromium (0.88 ug/L) for sample N079692-006 (MW-904-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (1.2 ug/L) for sample N079692-007 (CW-04M-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N079653-001C-MS2 and N079653-001C-MSD2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Calcium in QC

samples N079692-010CMS and N079692-010CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery for Magnesium in QC sample N079692-010CMS possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (0.89 ug/L) for sample N079692-005 (CW-04D-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.0 and 1.7 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (3.2 ug/L) and hexavalent chromium (0.88 ug/L) for sample N079692-006 (MW-904-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.9 and 1.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (2.0 ug/L) and hexavalent chromium (1.2 ug/L) for sample N079692-007 (CW-04M-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 1.8 and 1.6 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Molybdenum in QC samples N079692-010CMS and N079692-010CMSD possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Barium in QC samples N079692-010CMS, N079692-010CMSD, N079465-014B-MS, and N079465-014B-MSDsince the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) and Dilution Test (DT) were performed however, PS failed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Molybdenum and Manganese in QC samples N079465-014B-MS and N079465-014B-MSD since the analyte

concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

N079692-001C was re-analyzed several timed due to RSD not meeting the 15% criteria for Arsenic. RSD on all runs failed acceptance criteria. Arsenic was reported at 0.51ug/L with the lowest RSD of 29.57%. The results are comparable on all runs. See Corrective Action Report 9439.

## ASSET Laboratories

**Date:** *02-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - IM3, 30251660
**Lab Order:** N079692
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079692-001A | CW-02D-Q425 | Groundwater | 12/11/2025 10:42:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-001B | CW-02D-Q425 | Groundwater | 12/11/2025 10:42:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-001C | CW-02D-Q425 | Groundwater | 12/11/2025 10:42:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-001D | CW-02D-Q425 | Groundwater | 12/11/2025 10:42:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-002A | CW-02M-Q425 | Groundwater | 12/11/2025 11:22:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-002B | CW-02M-Q425 | Groundwater | 12/11/2025 11:22:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-002C | CW-02M-Q425 | Groundwater | 12/11/2025 11:22:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-002D | CW-02M-Q425 | Groundwater | 12/11/2025 11:22:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-003A | CW-03D-Q425 | Groundwater | 12/11/2025 12:14:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-003B | CW-03D-Q425 | Groundwater | 12/11/2025 12:14:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-003C | CW-03D-Q425 | Groundwater | 12/11/2025 12:14:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-003D | CW-03D-Q425 | Groundwater | 12/11/2025 12:14:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-004A | CW-03M-Q425 | Groundwater | 12/11/2025 12:52:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-004B | CW-03M-Q425 | Groundwater | 12/11/2025 12:52:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-004C | CW-03M-Q425 | Groundwater | 12/11/2025 12:52:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-004D | CW-03M-Q425 | Groundwater | 12/11/2025 12:52:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-005A | CW-04D-Q425 | Groundwater | 12/11/2025 1:56:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-005B | CW-04D-Q425 | Groundwater | 12/11/2025 1:56:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-005C | CW-04D-Q425 | Groundwater | 12/11/2025 1:56:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-005D | CW-04D-Q425 | Groundwater | 12/11/2025 1:56:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-006A | MW-904-Q425 | Groundwater | 12/11/2025 2:06:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-006B | MW-904-Q425 | Groundwater | 12/11/2025 2:06:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-006C | MW-904-Q425 | Groundwater | 12/11/2025 2:06:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-006D | MW-904-Q425 | Groundwater | 12/11/2025 2:06:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-007A | CW-04M-Q425 | Groundwater | 12/11/2025 2:38:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-007B | CW-04M-Q425 | Groundwater | 12/11/2025 2:38:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-007C | CW-04M-Q425 | Groundwater | 12/11/2025 2:38:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-007D | CW-04M-Q425 | Groundwater | 12/11/2025 2:38:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-008A | EB-748-Q425 | Groundwater | 12/11/2025 2:50:00 PM | 12/11/2025 | 1/2/2026 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - IM3, 30251660
**Lab Order:** N079692
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079692-009A | CW-01D-Q425 | Groundwater | 12/11/2025 12:31:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-009B | CW-01D-Q425 | Groundwater | 12/11/2025 12:31:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-009C | CW-01D-Q425 | Groundwater | 12/11/2025 12:31:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-009D | CW-01D-Q425 | Groundwater | 12/11/2025 12:31:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-010A | CW-01M-Q425 | Groundwater | 12/11/2025 11:41:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-010B | CW-01M-Q425 | Groundwater | 12/11/2025 11:41:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-010C | CW-01M-Q425 | Groundwater | 12/11/2025 11:41:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-010D | CW-01M-Q425 | Groundwater | 12/11/2025 11:41:00 AM | 12/11/2025 | 1/2/2026 |
| N079692-011A | OW-01D-Q425 | Groundwater | 12/11/2025 3:08:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-011B | OW-01D-Q425 | Groundwater | 12/11/2025 3:08:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-011C | OW-01D-Q425 | Groundwater | 12/11/2025 3:08:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-011D | OW-01D-Q425 | Groundwater | 12/11/2025 3:08:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-012A | OW-01M-Q425 | Groundwater | 12/11/2025 2:22:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-012B | OW-01M-Q425 | Groundwater | 12/11/2025 2:22:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-012C | OW-01M-Q425 | Groundwater | 12/11/2025 2:22:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-012D | OW-01M-Q425 | Groundwater | 12/11/2025 2:22:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-013A | OW-01S-Q425 | Groundwater | 12/11/2025 1:41:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-013B | OW-01S-Q425 | Groundwater | 12/11/2025 1:41:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-013C | OW-01S-Q425 | Groundwater | 12/11/2025 1:41:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-013D | OW-01S-Q425 | Groundwater | 12/11/2025 1:41:00 PM | 12/11/2025 | 1/2/2026 |
| N079692-014A | EB-749-Q425 | Groundwater | 12/11/2025 3:18:00 PM | 12/11/2025 | 1/2/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 10:42:00 AM |
| **Lab ID:** | N079692-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:22:00 AM |
| **Lab ID:** | N079692-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:14:00 PM |
| **Lab ID:** | N079692-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:52:00 PM |
| **Lab ID:** | N079692-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:56:00 PM |
| **Lab ID:** | N079692-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4400 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-904-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:06:00 PM |
| **Lab ID:** | N079692-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4400 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:38:00 PM |
| **Lab ID:** | N079692-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:31:00 PM |
| **Lab ID:** | N079692-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 3900 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:41:00 AM |
| **Lab ID:** | N079692-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4200 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 3:08:00 PM |
| **Lab ID:** | N079692-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4000 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:22:00 PM |
| **Lab ID:** | N079692-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4100 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01S-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:41:00 PM |
| **Lab ID:** | N079692-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251212C** | QC Batch: **125968** | | | PrepDate: | **12/12/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 4300 | 50 | 50 | | mg/L | 1 | 12/12/2025 11:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID: **LCS-125968** | SampType: **LCS** | TestCode: **160.1_2540C_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211977** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125968** | TestNo: **SM2540C** | | Analysis Date: **12/12/2025** | SeqNo: **7293935** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 975.000 | 10 | 10 | 1000 | 0 | 97.5 | 80 | 120 | | | | |

| Sample ID: **MB-125968** | SampType: **MBLK** | TestCode: **160.1_2540C_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211977** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125968** | TestNo: **SM2540C** | | Analysis Date: **12/12/2025** | SeqNo: **7293936** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID: **N079692-010DUP** | SampType: **DUP** | TestCode: **160.1_2540C_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211977** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125968** | TestNo: **SM2540C** | | Analysis Date: **12/12/2025** | SeqNo: **7293949** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 4255.000 | 50 | 50 | | | | | | 4225 | 0.708 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 10:42:00 AM |
| **Lab ID:** | N079692-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.37 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 01:35 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:22:00 AM |
| **Lab ID:** | N079692-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** QC Batch: **R211802** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.0 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 02:36 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251218N** QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 1.2 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:14:00 PM |
| **Lab ID:** | N079692-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.41 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 02:55 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:52:00 PM |
| **Lab ID:** | N079692-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.9 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 03:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 2.0 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:56:00 PM |
| **Lab ID:** | N079692-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.89 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 03:33 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 2.0 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-904-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:06:00 PM |
| **Lab ID:** | N079692-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.88 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 05:14 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 3.2 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:38:00 PM |
| **Lab ID:** | N079692-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.2 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 05:23 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 2.0 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 02:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-748-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:50:00 PM |
| **Lab ID:** | N079692-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 05:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:31:00 PM |
| **Lab ID:** | N079692-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.80 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 06:01 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 03:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:41:00 AM |
| **Lab ID:** | N079692-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.97 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 01:07 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 1.1 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 03:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 3:08:00 PM
**Lab ID:** N079692-011
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** QC Batch: **R211802** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.1 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 06:20 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** QC Batch: **125972** | | | | PrepDate: **12/12/2025** | | | Analyst: **DJ** |
| Chromium | 1.2 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 03:53 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:22:00 PM |
| **Lab ID:** | N079692-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.3 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 06:58 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 1.4 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 03:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01S-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:41:00 PM |
| **Lab ID:** | N079692-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 4.9 | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 02:17 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125973** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 4.7 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 08:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-749-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 3:18:00 PM |
| **Lab ID:** | N079692-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251212B** | QC Batch: **R211802** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/12/2025 07:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R211802** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211802** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211802** | TestNo: **EPA 218.6** | | Analysis Date: **12/12/2025** | SeqNo: **7283125** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R211802** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211802** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211802** | TestNo: **EPA 218.6** | | Analysis Date: **12/12/2025** | SeqNo: **7283126** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.951 | 0.039 | 0.20 | 5.000 | 0 | 99.0 | 90 | 110 | | | | |

| Sample ID: **N079640-024ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211802** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211802** | TestNo: **EPA 218.6** | | Analysis Date: **12/12/2025** | SeqNo: **7283133** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.525 | 0.039 | 0.20 | | | | | | 4.533 | 0.181 | 20 | |

| Sample ID: **N079692-010AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211802** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211802** | TestNo: **EPA 218.6** | | Analysis Date: **12/12/2025** | SeqNo: **7283137** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.023 | 0.039 | 0.20 | 1.000 | 0.9670 | 106 | 90 | 110 | | | | |

| Sample ID: **N079692-010AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211802** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211802** | TestNo: **EPA 218.6** | | Analysis Date: **12/12/2025** | SeqNo: **7283138** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.972 | 0.039 | 0.20 | 1.000 | 0.9670 | 101 | 90 | 110 | 2.023 | 2.52 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079692-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283142**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.385 | 0.039 | 0.20 | 1.000 | 0.3673 | 102 | 90 | 110 | | | | |

Sample ID: **N079692-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283145**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.082 | 0.039 | 0.20 | 1.000 | 1.020 | 106 | 90 | 110 | | | | |

Sample ID: **N079692-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283147**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.382 | 0.039 | 0.20 | 1.000 | 0.4106 | 97.2 | 90 | 110 | | | | |

Sample ID: **N079692-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283149**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.878 | 0.039 | 0.20 | 1.000 | 1.864 | 101 | 90 | 110 | | | | |

Sample ID: **N079692-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283157**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.251 | 0.039 | 0.20 | 1.000 | 1.201 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079692-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283159**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.019 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID: **N079692-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283161**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.749 | 0.039 | 0.20 | 1.000 | 0.8014 | 94.8 | 90 | 110 | | | | |

Sample ID: **N079692-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283165**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.175 | 0.039 | 0.20 | 1.000 | 1.133 | 104 | 90 | 110 | | | | |

Sample ID: **N079692-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283167**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.245 | 0.039 | 0.20 | 1.000 | 1.311 | 93.5 | 90 | 110 | | | | |

Sample ID: **N079692-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283169**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.021 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079692-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283170**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 9.873 | 0.039 | 0.20 | 5.000 | 4.850 | 100 | 90 | 110 | | | | |

Sample ID: **N079692-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283171**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.896 | 0.039 | 0.20 | 1.000 | 0.8853 | 101 | 90 | 110 | | | | |

Sample ID: **N079692-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211802**
Client ID: **ZZZZZZ** Batch ID: **R211802** TestNo: **EPA 218.6** Analysis Date: **12/12/2025** SeqNo: **7283174**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.873 | 0.039 | 0.20 | 1.000 | 0.8794 | 99.3 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125972** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303337** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125972** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303338** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.632 | 0.13 | 1.0 | 10.00 | 0 | 106 | 85 | 115 | | | | |

| Sample ID: **N079692-010CMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303362** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.072 | 0.13 | 1.0 | 10.00 | 1.082 | 99.9 | 75 | 125 | | | | |

| Sample ID: **N079692-010CMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303363** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.007 | 0.13 | 1.0 | 10.00 | 1.082 | 99.3 | 75 | 125 | 11.07 | 0.588 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125973** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303254** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125973** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303255** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.447 | 0.13 | 1.0 | 10.00 | 0 | 104 | 85 | 115 | | | | |

| Sample ID: **N079465-014B-MS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303262** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.248 | 0.13 | 1.0 | 10.00 | 0.7438 | 105 | 75 | 125 | | | | |

| Sample ID: **N079465-014B-MSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212108** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303265** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.099 | 0.13 | 1.0 | 10.00 | 0.7438 | 104 | 75 | 125 | 11.25 | 1.34 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079692-010C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212108**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303361**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 11.107 | 0.13 | 1.0 | 10.00 | 1.082 | 100 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079465-014B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212108**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303261**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.924 | 0.13 | 1.0 | 10.00 | 0.7438 | 102 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692
Test Method: EPA 6020
Analysis Date: 12/18/2025

Matrix: Groundwater
Batch No.: 125972
125973

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Cr & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Chromium | Cr | µg/L | 1.109167 | NA | 1.081869 | 2.52% | 10 |
| N079465-014B DT 5x | Chromium | Cr | µg/L | 0.6438373 | NA | 0.7437977 | 13.44% | 10 |

01/02/2026

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
NV Cert CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 10:42:00 AM |
| **Lab ID:** | N079692-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 62 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:22:00 AM |
| **Lab ID:** | N079692-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 56 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:14:00 PM |
| **Lab ID:** | N079692-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 61 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:52:00 PM |
| **Lab ID:** | N079692-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 49 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:56:00 PM |
| **Lab ID:** | N079692-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 47 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-904-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:06:00 PM |
| **Lab ID:** | N079692-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 47 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:38:00 PM |
| **Lab ID:** | N079692-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 51 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:31:00 PM |
| **Lab ID:** | N079692-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 72 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:41:00 AM |
| **Lab ID:** | N079692-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 59 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 3:08:00 PM |
| **Lab ID:** | N079692-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 75 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:22:00 PM |
| **Lab ID:** | N079692-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 92 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01S-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:41:00 PM |
| **Lab ID:** | N079692-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251213D** | QC Batch: **R212060** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 170 | 5.0 | 5.0 | | mg/L | 1 | 12/13/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

Sample ID: **LCS-R212060** SampType: **LCS** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212060**
Client ID: **LCSW** Batch ID: **R212060** TestNo: **SM 2320 B** Analysis Date: **12/13/2025** SeqNo: **7299441**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 93.750 | 5.0 | 5.0 | 100.0 | 0 | 93.8 | 85 | 115 | | | | |

Sample ID: **MB-R212060** SampType: **MBLK** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212060**
Client ID: **PBW** Batch ID: **R212060** TestNo: **SM 2320 B** Analysis Date: **12/13/2025** SeqNo: **7299442**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | |

Sample ID: **N079692-010DDUP** SampType: **DUP** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212060**
Client ID: **ZZZZZZ** Batch ID: **R212060** TestNo: **SM 2320 B** Analysis Date: **12/13/2025** SeqNo: **7299452**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 60.417 | 5.0 | 5.0 | | | | | | 59.38 | 1.74 | 30 | |

Sample ID: **N079692-010DMS** SampType: **MS** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212060**
Client ID: **ZZZZZZ** Batch ID: **R212060** TestNo: **SM 2320 B** Analysis Date: **12/13/2025** SeqNo: **7299453**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 150.000 | 5.0 | 5.0 | 100.0 | 59.38 | 90.6 | 75 | 125 | | | | |

Sample ID: **N079692-010DMSD** SampType: **MSD** TestCode: **2320_W_SP** Units: **mg/L** Prep Date: RunNo: **212060**
Client ID: **ZZZZZZ** Batch ID: **R212060** TestNo: **SM 2320 B** Analysis Date: **12/13/2025** SeqNo: **7299454**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity, Total (As CaCO3) | 151.042 | 5.0 | 5.0 | 100.0 | 59.38 | 91.7 | 75 | 125 | 150.0 | 0.692 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** CW-02D-Q425

**Lab Order:** N079692

**Project:** PG&E Topock - IM3, 30251660 **Collection Date:** 12/11/2025 10:42:00 AM

**Lab ID:** N079692-001 **Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2200 | 140 | 250 | | mg/L | 500 | 12/12/2025 06:33 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.1 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 01:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC8_251216A** QC Batch: **R211862** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 490 | 17 | 25 | | mg/L | 50 | 12/16/2025 05:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-02M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 11:22:00 AM
**Lab ID:** N079692-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2200 | 140 | 250 | | mg/L | 500 | 12/12/2025 06:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 3.0 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 02:10 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251216A** QC Batch: **R211862** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 480 | 17 | 25 | | mg/L | 50 | 12/16/2025 05:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-03D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 12:14:00 PM
**Lab ID:** N079692-003
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2200 | 140 | 250 | | mg/L | 500 | 12/12/2025 05:44 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.7 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 02:27 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251216A** QC Batch: **R211862** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 490 | 17 | 25 | | mg/L | 50 | 12/16/2025 04:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-03M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 12:52:00 PM
**Lab ID:** N079692-004
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2200 | 140 | 250 | | mg/L | 500 | 12/12/2025 07:06 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 4.0 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 02:43 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251216A** QC Batch: **R211862** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 500 | 17 | 25 | | mg/L | 50 | 12/16/2025 03:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-04D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 1:56:00 PM
**Lab ID:** N079692-005
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2300 | 140 | 250 | | mg/L | 500 | 12/12/2025 07:22 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 4.9 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 02:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 500 | 17 | 25 | | mg/L | 50 | 12/15/2025 02:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-904-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:06:00 PM
**Lab ID:** N079692-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2300 | 140 | 250 | | mg/L | 500 | 12/12/2025 07:38 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 4.9 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 03:16 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 510 | 17 | 25 | | mg/L | 50 | 12/15/2025 02:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-04M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:38:00 PM
**Lab ID:** N079692-007
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2300 | 140 | 250 | | mg/L | 500 | 12/12/2025 07:55 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.3 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 12:32 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 490 | 17 | 25 | | mg/L | 50 | 12/15/2025 02:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-01D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 12:31:00 PM
**Lab ID:** N079692-009
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2000 | 140 | 250 | | mg/L | 500 | 12/12/2025 08:44 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.6 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 03:32 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 500 | 17 | 25 | | mg/L | 50 | 12/15/2025 03:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-01M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 11:41:00 AM
**Lab ID:** N079692-010
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2100 | 140 | 250 | | mg/L | 500 | 12/12/2025 04:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.5 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 11:42 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 490 | 17 | 25 | | mg/L | 50 | 12/12/2025 09:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 3:08:00 PM
**Lab ID:** N079692-011
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2000 | 140 | 250 | | mg/L | 500 | 12/12/2025 09:01 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.6 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 03:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 500 | 17 | 25 | | mg/L | 50 | 12/15/2025 03:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:22:00 PM
**Lab ID:** N079692-012
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2100 | 140 | 250 | | mg/L | 500 | 12/12/2025 09:17 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 2.6 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 04:05 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 500 | 17 | 25 | | mg/L | 50 | 12/12/2025 10:39 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01S-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 1:41:00 PM
**Lab ID:** N079692-013
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Chloride | 2100 | 140 | 250 | | mg/L | 500 | 12/12/2025 09:33 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251212A** QC Batch: **R211755** | | | | PrepDate: | | | Analyst: **RAB** |
| Fluoride | 0.93 | 0.16 | 0.50 | | mg/L | 5 | 12/12/2025 11:27 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** QC Batch: **R211821** | | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 420 | 17 | 25 | | mg/L | 50 | 12/15/2025 03:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

Sample ID: **MB-R211755_CL** SampType: **MBLK** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **PBW** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280492**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-R211755_CL** SampType: **LCS** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **LCSW** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280493**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2.018 | 0.29 | 0.50 | 2.000 | 0 | 101 | 90 | 110 | | | | |

Sample ID: **N079692-010DMS** SampType: **MS** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280497**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3224.950 | 140 | 250 | 1000 | 2144 | 108 | 80 | 120 | | | | |

Sample ID: **N079692-010DMSD** SampType: **MSD** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280500**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3200.750 | 140 | 250 | 1000 | 2144 | 106 | 80 | 120 | 3225 | 0.753 | 20 | |

Sample ID: **N079692-003DDUP** SampType: **DUP** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280502**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2212.250 | 140 | 250 | | | | | | 2195 | 0.799 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

Sample ID: **N079692-003DMS** SampType: **MS** TestCode: **300_W_CLPG** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280503**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3249.000 | 140 | 250 | 1000 | 2195 | 105 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID: **MB-R211755_F** | SampType: **MBLK** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211755** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | SeqNo: **7280462** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | |

| Sample ID: **LCS-R211755_F** | SampType: **LCS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211755** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | SeqNo: **7280463** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.310 | 0.032 | 0.10 | 1.250 | 0 | 105 | 90 | 110 | | | | |

| Sample ID: **N079692-010DMS** | SampType: **MS** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211755** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | SeqNo: **7280466** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 8.748 | 0.16 | 0.50 | 6.250 | 2.537 | 99.4 | 80 | 120 | | | | |

| Sample ID: **N079692-010DMSD** | SampType: **MSD** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211755** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | SeqNo: **7280467** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 8.822 | 0.16 | 0.50 | 6.250 | 2.537 | 101 | 80 | 120 | 8.748 | 0.842 | 20 | |

| Sample ID: **N079692-007DDUP** | SampType: **DUP** | TestCode: **300_W_FPGE** | Units: **mg/L** | Prep Date: | RunNo: **211755** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | SeqNo: **7280469** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 2.204 | 0.16 | 0.50 | | | | | | 2.274 | 3.17 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

Sample ID: **N079692-007DMS** SampType: **MS** TestCode: **300_W_FPGE** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280470**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 8.499 | 0.16 | 0.50 | 6.250 | 2.274 | 99.6 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R211755_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | RunNo: **211755** | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | | | SeqNo: **7280522** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211755_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | RunNo: **211755** | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | | | SeqNo: **7280523** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 3.991 | 0.34 | 0.50 | 4.000 | 0 | 99.8 | 90 | 110 | | | | |

| Sample ID: **N079692-010DMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | RunNo: **211755** | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | | | SeqNo: **7280531** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 691.405 | 17 | 25 | 200.0 | 489.0 | 101 | 80 | 120 | | | | |

| Sample ID: **N079692-010DMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | RunNo: **211755** | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | | | SeqNo: **7280532** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 691.830 | 17 | 25 | 200.0 | 489.0 | 101 | 80 | 120 | 691.4 | 0.0615 | 20 | |

| Sample ID: **N079692-012DDUP** | SampType: **DUP** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | RunNo: **211755** | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211755** | TestNo: **EPA 300.0** | | Analysis Date: **12/12/2025** | | | SeqNo: **7280534** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 486.395 | 17 | 25 | | | | | | 498.0 | 2.36 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **N079692-012DMS** SampType: **MS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211755**
Client ID: **ZZZZZZ** Batch ID: **R211755** TestNo: **EPA 300.0** Analysis Date: **12/12/2025** SeqNo: **7280535**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 693.020 | 17 | 25 | 200.0 | 498.0 | 97.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **MB-R211821_SO4** SampType: **MBLK** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **PBW** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284220**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

Sample ID: **LCS-R211821_SO4** SampType: **LCS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **LCSW** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284221**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.933 | 0.34 | 0.50 | 4.000 | 0 | 98.3 | 90 | 110 | | | | |

Sample ID: **N079699-001BDUP** SampType: **DUP** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **ZZZZZZ** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284223**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 739.080 | 34 | 50 | | | | | | 738.2 | 0.116 | 20 | |

Sample ID: **N079699-001BMS** SampType: **MS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **ZZZZZZ** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284224**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1129.840 | 34 | 50 | 400.0 | 738.2 | 97.9 | 80 | 120 | | | | |

Sample ID: **N079699-001BMSD** SampType: **MSD** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **ZZZZZZ** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284225**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1132.880 | 34 | 50 | 400.0 | 738.2 | 98.7 | 80 | 120 | 1130 | 0.269 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **N079692-005DMS** SampType: **MS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **211821**
Client ID: **ZZZZZZ** Batch ID: **R211821** TestNo: **EPA 300.0** Analysis Date: **12/15/2025** SeqNo: **7284239**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 696.830 | 17 | 25 | 200.0 | 498.1 | 99.4 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R211862_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211862** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | SeqNo: **7287015** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R211862_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211862** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | SeqNo: **7287016** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 4.024 | 0.34 | 0.50 | 4.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079692-004DMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | SeqNo: **7287020** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 695.160 | 17 | 25 | 200.0 | 497.2 | 99.0 | 80 | 120 | | | | |

| Sample ID: **N079692-004DMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | SeqNo: **7287021** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 691.340 | 17 | 25 | 200.0 | 497.2 | 97.1 | 80 | 120 | 695.2 | 0.551 | 20 | |

| Sample ID: **N079692-003DDUP** | SampType: **DUP** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | RunNo: **211862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211862** | TestNo: **EPA 300.0** | | Analysis Date: **12/16/2025** | SeqNo: **7287025** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 490.545 | 17 | 25 | | | | | | 487.5 | 0.614 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 10:42:00 AM |
| **Lab ID:** | N079692-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.1 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:17 AM |
| Calcium | 110 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:17 AM |
| Magnesium | 6.4 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:17 AM |
| Potassium | 13 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:26 PM |
| Sodium | 1300 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:22:00 AM |
| **Lab ID:** | N079692-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.1 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:19 AM |
| Calcium | 140 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:19 AM |
| Magnesium | 11 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:19 AM |
| Potassium | 14 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:29 PM |
| Sodium | 1400 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:14:00 PM |
| **Lab ID:** | N079692-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.1 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:22 AM |
| Calcium | 80 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:22 AM |
| Magnesium | 6.1 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:22 AM |
| Potassium | 14 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:32 PM |
| Sodium | 1500 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** CW-03M-Q425

**Lab Order:** N079692

**Project:** PG&E Topock - IM3, 30251660 **Collection Date:** 12/11/2025 12:52:00 PM

**Lab ID:** N079692-004 **Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.2 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:24 AM |
| Calcium | 130 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:24 AM |
| Magnesium | 11 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:24 AM |
| Potassium | 13 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:34 PM |
| Sodium | 1400 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:56:00 PM |
| **Lab ID:** | N079692-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.3 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:27 AM |
| Calcium | 110 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:27 AM |
| Magnesium | 6.8 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:27 AM |
| Potassium | 12 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:49 PM |
| Sodium | 1500 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-904-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:06:00 PM |
| **Lab ID:** | N079692-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.3 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:29 AM |
| Calcium | 110 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:29 AM |
| Magnesium | 6.9 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:29 AM |
| Potassium | 13 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:51 PM |
| Sodium | 1700 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:38:00 PM |
| **Lab ID:** | N079692-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 0.95 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:38 AM |
| Calcium | 180 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:38 AM |
| Magnesium | 15 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:38 AM |
| Potassium | 15 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:54 PM |
| Sodium | 1400 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:23 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:31:00 PM |
| **Lab ID:** | N079692-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.0 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:40 AM |
| Calcium | 120 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:40 AM |
| Magnesium | 18 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:40 AM |
| Potassium | 15 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 03:57 PM |
| Sodium | 1300 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:41:00 AM |
| **Lab ID:** | N079692-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.0 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:43 AM |
| Calcium | 150 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:43 AM |
| Magnesium | 13 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:43 AM |
| Potassium | 14 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 04:00 PM |
| Sodium | 1400 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 3:08:00 PM |
| **Lab ID:** | N079692-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 1.1 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:55 AM |
| Calcium | 140 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:55 AM |
| Magnesium | 23 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:55 AM |
| Potassium | 17 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 04:03 PM |
| Sodium | 1300 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:22:00 PM
**Lab ID:** N079692-012
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 0.88 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 12:59 AM |
| Calcium | 130 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 12:59 AM |
| Magnesium | 23 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 12:59 AM |
| Potassium | 16 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 04:06 PM |
| Sodium | 1300 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01S-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:41:00 PM |
| **Lab ID:** | N079692-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214F** | QC Batch: **125971** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Boron | 0.77 | 0.052 | 0.10 | | mg/L | 1 | 12/15/2025 01:01 AM |
| Calcium | 420 | 0.068 | 0.50 | | mg/L | 1 | 12/15/2025 01:01 AM |
| Magnesium | 76 | 0.013 | 0.10 | | mg/L | 1 | 12/15/2025 01:01 AM |
| Potassium | 20 | 0.45 | 2.5 | | mg/L | 5 | 12/16/2025 04:08 PM |
| Sodium | 840 | 28 | 120 | | mg/L | 250 | 12/16/2025 05:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **MB-125971** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211828** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284404** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | ND | 0.052 | 0.10 | | | | | | | | | |
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

| Sample ID: **LCS1-125971** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211828** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284405** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 4.854 | 0.052 | 0.10 | 5.000 | 0 | 97.1 | 85 | 115 | | | | |
| Calcium | 10.275 | 0.068 | 0.50 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Magnesium | 9.799 | 0.013 | 0.10 | 10.00 | 0 | 98.0 | 85 | 115 | | | | |

| Sample ID: **N079692-010CMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211828** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/15/2025** | SeqNo: **7284428** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.499 | 0.052 | 0.10 | 5.000 | 1.049 | 89.0 | 75 | 125 | | | | |
| Calcium | 149.039 | 0.068 | 0.50 | 10.00 | 147.0 | 20.2 | 75 | 125 | | | | S |
| Magnesium | 21.404 | 0.013 | 0.10 | 10.00 | 13.04 | 83.6 | 75 | 125 | | | | |

| Sample ID: **N079692-010CMSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211828** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/15/2025** | SeqNo: **7284429** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.359 | 0.052 | 0.10 | 5.000 | 1.049 | 86.2 | 75 | 125 | 5.499 | 2.58 | 20 | |
| Calcium | 138.453 | 0.068 | 0.50 | 10.00 | 147.0 | -85.7 | 75 | 125 | 149.0 | 7.36 | 20 | S |
| Magnesium | 20.370 | 0.013 | 0.10 | 10.00 | 13.04 | 73.2 | 75 | 125 | 21.40 | 4.95 | 20 | S |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID: **MB-125971** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211883** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/16/2025** | SeqNo: **7287212** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID: **LCS2-125971** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211883** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/16/2025** | SeqNo: **7287213** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 8.763 | 0.089 | 0.50 | 10.00 | 0 | 87.6 | 85 | 115 | | | | |
| Sodium | 9.138 | 0.11 | 0.50 | 10.00 | 0 | 91.4 | 85 | 115 | | | | |

| Sample ID: **N079653-001C-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211883** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/16/2025** | SeqNo: **7287246** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 28.589 | 0.45 | 2.5 | 10.00 | 16.91 | 117 | 75 | 125 | | | | |

| Sample ID: **N079653-001C-MS2** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211883** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/16/2025** | SeqNo: **7287247** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1367.601 | 28 | 120 | 10.00 | 1559 | -1910 | 75 | 125 | | | | S |

| Sample ID: **N079653-001C-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211883** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125971** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/16/2025** | SeqNo: **7287248** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 28.017 | 0.45 | 2.5 | 10.00 | 16.91 | 111 | 75 | 125 | 28.59 | 2.02 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079653-001C-MSD** SampType: **MSD** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: **12/12/2025** RunNo: **211883**
Client ID: **ZZZZZZ** Batch ID: **125971** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/16/2025** SeqNo: **7287249**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1273.550 | 28 | 120 | 10.00 | 1559 | -2850 | 75 | 125 | 1368 | 7.12 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

Sample ID: **N079692-010C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211828**
Client ID: **ZZZZZZ** Batch ID: **125971** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/15/2025** SeqNo: **7284427**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 5.836 | 0.052 | 0.10 | 5.000 | 1.049 | 95.7 | 80 | 120 | | | | |
| Calcium | 156.419 | 0.068 | 0.50 | 10.00 | 147.0 | 94.0 | 80 | 120 | | | | |
| Magnesium | 22.551 | 0.013 | 0.10 | 10.00 | 13.04 | 95.1 | 80 | 120 | | | | |

Sample ID: **N079653-001C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211883**
Client ID: **ZZZZZZ** Batch ID: **125971** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/16/2025** SeqNo: **7287244**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 77.976 | 0.45 | 2.5 | 50.00 | 16.91 | 122 | 80 | 120 | | | | S |

Sample ID: **N079653-001C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **mg/L** Prep Date: RunNo: **211883**
Client ID: **ZZZZZZ** Batch ID: **125971** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/16/2025** SeqNo: **7287245**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 3329.420 | 28 | 120 | 2500 | 1559 | 70.8 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692 / N079653
Test Method: EPA 6010B
Analysis Date: ~~12/14/2026~~ 12/14/2025

Matrix: Groundwater
Batch No.: 125971

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mg & Ca failed. However, PS passed criteria.
Dilution test is not applicable to B. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Magnesium | Mg | mg/L | 14.78285 | FAIL | 13.04493 | 13.32% | 10 |
| N079692-010C DT 5x | Boron | B | mg/L | 1.1143 | NA | 1.04875 | 6.25% | 10 |
| N079692-010C DT 5x | Calcium | Ca | mg/L | 170.4294 | FAIL | 147.0191 | 15.92% | 10 |

01/02/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692/ N079653
Test Method: EPA 6010B
Analysis Date: 12/16/2025

Matrix: Groundwater
Batch No.: 125971

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079653-001C DT 25x | Potassium | K | mg/L | 15.58796 | PASS | 16.90641 | 7.80% | 10 |
| N079653-001C DT 1250x | Sodium | Na | mg/L | 1545.426 | PASS | 1558.992 | 0.87% | 10 |

01/02/2026

Note: NA - Not Applicable



ASSET LABORATORIES
"Serving Clients with Passion and Professionalism"

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ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 10:42:00 AM |
| **Lab ID:** | N079692-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.51 | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 02:45 PM |
| Barium | 17 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:19 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:19 PM |
| Molybdenum | 19 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:19 PM |
| Selenium | 4.0 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:19 PM |
| Vanadium | 3.8 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 02:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-02M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 11:22:00 AM |
| **Lab ID:** | N079692-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 02:50 PM |
| Barium | 73 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:25 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:25 PM |
| Molybdenum | 13 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:25 PM |
| Selenium | 3.6 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:25 PM |
| Vanadium | 4.5 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 02:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:14:00 PM |
| **Lab ID:** | N079692-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | | PrepDate: **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 02:56 PM |
| Barium | 18 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:31 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:31 PM |
| Molybdenum | 17 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:31 PM |
| Selenium | 3.7 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:31 PM |
| Vanadium | 3.1 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 02:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-03M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 12:52:00 PM |
| **Lab ID:** | N079692-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 03:02 PM |
| Barium | 33 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:37 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:37 PM |
| Molybdenum | 38 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:37 PM |
| Selenium | 2.7 | 0.29 | 0.50 | | µg/L | 1 | 12/22/2025 03:02 PM |
| Vanadium | 3.6 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | CW-04D-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 1:56:00 PM |
| **Lab ID:** | N079692-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | 1.9 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 10:09 AM |
| Barium | 19 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:43 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:43 PM |
| Molybdenum | 36 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:43 PM |
| Selenium | 3.4 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:43 PM |
| Vanadium | 4.3 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-904-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:06:00 PM
**Lab ID:** N079692-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 03:25 PM |
| Barium | 21 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:49 PM |
| Manganese | 0.55 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:49 PM |
| Molybdenum | 38 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:49 PM |
| Selenium | 3.4 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:49 PM |
| Vanadium | 4.7 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-04M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 2:38:00 PM
**Lab ID:** N079692-007
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | PrepDate: | | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 10:32 AM |
| Barium | 100 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 02:54 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 02:54 PM |
| Molybdenum | 17 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 02:54 PM |
| Selenium | 3.7 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 02:54 PM |
| Vanadium | 4.0 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** CW-01D-Q425

**Lab Order:** N079692

**Project:** PG&E Topock - IM3, 30251660 **Collection Date:** 12/11/2025 12:31:00 PM

**Lab ID:** N079692-009 **Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 03:37 PM |
| Barium | 25 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 03:00 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 03:00 PM |
| Molybdenum | 24 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 03:00 PM |
| Selenium | 8.0 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 03:00 PM |
| Vanadium | 3.4 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** CW-01M-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 11:41:00 AM
**Lab ID:** N079692-010
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 03:43 PM |
| Barium | 72 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 03:24 PM |
| Manganese | 1.7 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 03:24 PM |
| Molybdenum | 16 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 03:24 PM |
| Selenium | 3.8 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 03:24 PM |
| Vanadium | 3.4 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 03:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01D-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 3:08:00 PM
**Lab ID:** N079692-011
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251222D** | QC Batch: **125972** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/22/2025 04:12 PM |
| Barium | 33 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 03:53 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 03:53 PM |
| Molybdenum | 26 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 03:53 PM |
| Selenium | 8.2 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 03:53 PM |
| Vanadium | 3.9 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 04:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | OW-01M-Q425 |
| **Lab Order:** | N079692 | | |
| **Project:** | PG&E Topock - IM3, 30251660 | **Collection Date:** | 12/11/2025 2:22:00 PM |
| **Lab ID:** | N079692-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125972** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 10:38 AM |
| Barium | 66 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 03:59 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 03:59 PM |
| Molybdenum | 23 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 03:59 PM |
| Selenium | 6.2 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 03:59 PM |
| Vanadium | 3.6 | 0.066 | 1.0 | | µg/L | 1 | 12/22/2025 04:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** OW-01S-Q425
**Lab Order:** N079692
**Project:** PG&E Topock - IM3, 30251660
**Collection Date:** 12/11/2025 1:41:00 PM
**Lab ID:** N079692-013
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125973** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 11:42 AM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 08:50 AM |
| Manganese | 2.4 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 08:50 AM |
| Molybdenum | 1.7 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 08:50 AM |
| Selenium | 3.2 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 08:50 AM |
| Vanadium | 2.0 | 0.066 | 1.0 | | µg/L | 1 | 12/24/2025 11:42 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125972** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **PBW** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303181**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125972** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **LCSW** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303182**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 10.485 | 0.050 | 1.0 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Manganese | 106.524 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |
| Molybdenum | 10.198 | 0.063 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |
| Selenium | 10.237 | 0.29 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |

Sample ID: **N079692-010CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303206**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 86.323 | 0.050 | 1.0 | 10.00 | 72.38 | 139 | 75 | 125 | | | | S |
| Manganese | 100.836 | 0.046 | 0.50 | 100.0 | 1.656 | 99.2 | 75 | 125 | | | | |
| Molybdenum | 28.816 | 0.063 | 0.50 | 10.00 | 16.07 | 127 | 75 | 125 | | | | S |
| Selenium | 13.945 | 0.29 | 0.50 | 10.00 | 3.753 | 102 | 75 | 125 | | | | |

Sample ID: **N079692-010CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303207**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 88.562 | 0.050 | 1.0 | 10.00 | 72.38 | 162 | 75 | 125 | 86.32 | 2.56 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079692-010CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303207**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 100.626 | 0.046 | 0.50 | 100.0 | 1.656 | 99.0 | 75 | 125 | 100.8 | 0.209 | 20 | |
| Molybdenum | 28.636 | 0.063 | 0.50 | 10.00 | 16.07 | 126 | 75 | 125 | 28.82 | 0.626 | 20 | S |
| Selenium | 14.440 | 0.29 | 0.50 | 10.00 | 3.753 | 107 | 75 | 125 | 13.95 | 3.49 | 20 | |

Sample ID: **MB-125972** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212211**
Client ID: **PBW** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7311605**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Vanadium | 0.332 | 0.066 | 1.0 | | | | | | | | | |

Sample ID: **LCS-125972** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212211**
Client ID: **LCSW** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7311606**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.036 | 0.067 | 0.10 | 10.00 | 0 | 100 | 85 | 115 | | | | |

Sample ID: **N079692-010CMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212211**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7311623**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.273 | 0.067 | 0.10 | 10.00 | 0 | 92.7 | 75 | 125 | | | | |
| Vanadium | 14.711 | 0.066 | 1.0 | 10.00 | 3.409 | 113 | 75 | 125 | | | | |

Sample ID: **N079692-010CMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212211**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7311624**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.497 | 0.067 | 0.10 | 10.00 | 0 | 95.0 | 75 | 125 | 9.273 | 2.39 | 20 | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **N079692-010CMSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212211** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/22/2025** | SeqNo: **7311624** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vanadium | 15.157 | 0.066 | 1.0 | 10.00 | 3.409 | 117 | 75 | 125 | 14.71 | 2.99 | 20 | |

| Sample ID: **LCS-125972** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212348** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125972** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317345** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vanadium | 11.105 | 0.066 | 1.0 | 10.00 | 0 | 111 | 85 | 115 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125973** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **PBW** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303098**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125973** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **LCSW** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303099**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 10.540 | 0.050 | 1.0 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Manganese | 105.935 | 0.046 | 0.50 | 100.0 | 0 | 106 | 85 | 115 | | | | |
| Molybdenum | 10.053 | 0.063 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Selenium | 10.146 | 0.29 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |

Sample ID: **N079465-014B-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303106**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 165.504 | 0.050 | 1.0 | 10.00 | 150.8 | 147 | 75 | 125 | | | | S |
| Molybdenum | 103.086 | 0.063 | 0.50 | 10.00 | 88.97 | 141 | 75 | 125 | | | | S |
| Selenium | 10.188 | 0.29 | 0.50 | 10.00 | 0 | 102 | 75 | 125 | | | | |

Sample ID: **N079465-014B-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303109**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 163.211 | 0.050 | 1.0 | 10.00 | 150.8 | 124 | 75 | 125 | 165.5 | 1.40 | 20 | |
| Molybdenum | 102.475 | 0.063 | 0.50 | 10.00 | 88.97 | 135 | 75 | 125 | 103.1 | 0.594 | 20 | S |
| Selenium | 9.996 | 0.29 | 0.50 | 10.00 | 0 | 100 | 75 | 125 | 10.19 | 1.90 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **N079465-014B-MS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212194** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/22/2025** | SeqNo: **7310621** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 5089.434 | 4.6 | 50 | 100.0 | 5337 | -248 | 75 | 125 | | | | S |

| Sample ID: **N079465-014B-MSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212194** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/22/2025** | SeqNo: **7310625** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 5347.982 | 4.6 | 50 | 100.0 | 5337 | 11.0 | 75 | 125 | 5089 | 4.95 | 20 | S |

| Sample ID: **MB-125973** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212348** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317360** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Vanadium | ND | 0.066 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125973** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212348** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317361** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.325 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Vanadium | 10.662 | 0.066 | 1.0 | 10.00 | 0 | 107 | 85 | 115 | | | | |

| Sample ID: **N079465-014B-MS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212348** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125973** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/24/2025** | SeqNo: **7317365** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 93.364 | 0.067 | 0.10 | 10.00 | 83.22 | 101 | 75 | 125 | | | | |
| Vanadium | 12.319 | 0.066 | 1.0 | 10.00 | 0.4984 | 118 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079465-014B-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **12/12/2025** RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317366**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 92.821 | 0.067 | 0.10 | 10.00 | 83.22 | 96.0 | 75 | 125 | 93.36 | 0.583 | 20 | |
| Vanadium | 12.160 | 0.066 | 1.0 | 10.00 | 0.4984 | 117 | 75 | 125 | 12.32 | 1.30 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079692-010C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303205**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 84.892 | 0.050 | 1.0 | 10.00 | 72.38 | 125 | 80 | 120 | | | | S |
| Manganese | 99.905 | 0.046 | 0.50 | 100.0 | 1.656 | 98.2 | 80 | 120 | | | | |
| Molybdenum | 27.836 | 0.063 | 0.50 | 10.00 | 16.07 | 118 | 80 | 120 | | | | |
| Selenium | 14.202 | 0.29 | 0.50 | 10.00 | 3.753 | 104 | 80 | 120 | | | | |

Sample ID: **N079692-010C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212211**
Client ID: **ZZZZZZ** Batch ID: **125972** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7311622**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.286 | 0.067 | 0.10 | 10.00 | 0 | 92.9 | 80 | 120 | | | | |
| Vanadium | 14.347 | 0.066 | 1.0 | 10.00 | 3.409 | 109 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079692
**Project:** PG&E Topock - IM3, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N079465-014B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303105**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 158.408 | 0.050 | 1.0 | 10.00 | 150.8 | 75.9 | 80 | 120 | | | | S |
| Molybdenum | 98.216 | 0.063 | 0.50 | 10.00 | 88.97 | 92.4 | 80 | 120 | | | | |
| Selenium | 10.012 | 0.29 | 0.50 | 10.00 | 0 | 100 | 80 | 120 | | | | |

Sample ID: **N079465-014B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212194**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/22/2025** SeqNo: **7310619**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 16111.492 | 4.6 | 50 | 10000 | 5337 | 108 | 80 | 120 | | | | |

Sample ID: **N079465-014B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **125973** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317364**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 90.332 | 0.067 | 0.10 | 10.00 | 83.22 | 71.1 | 80 | 120 | | | | S |
| Vanadium | 12.657 | 0.066 | 1.0 | 10.00 | 0.4984 | 122 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079692 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/18/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125972 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn & Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Barium | Ba | µg/L | 76.48293 | PASS | 72.38216 | 5.67% | 10 |
| N079692-010C DT 5x | Manganese | Mn | µg/L | 1.946935 | NA | 1.655838 | 17.58% | 10 |
| N079692-010C DT 5x | Molybdenum | Mo | µg/L | 16.68245 | PASS | 16.07499 | 3.78% | 10 |
| N079692-010C DT 5x | Selenium | Se | µg/L | 3.938755 | NA | 3.752922 | 4.95% | 10 |

01/02/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692
Test Method: EPA 6020
Analysis Date: 12/22/2025

Matrix: Groundwater
Batch No.: 125972

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As & V. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079692-010C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079692-010C DT 5x | Vanadium | V | µg/L | 3.863876 | NA | 3.408838 | 13.35% | 10 |

01/02/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079692 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/18/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125973 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079465-014B DT 5x | Barium | Ba | µg/L | 141.2079 | PASS | 150.8182 | 6.37% | 10 |
| N079465-014B DT 5x | Molybdenum | Mo | µg/L | 80.80902 | PASS | 88.97217 | 9.17% | 10 |
| N079465-014B DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |

01/02/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692
Test Method: EPA 6020
Analysis Date: 12/21/2025

Matrix: Groundwater
Batch No.: 125973

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079465-014B DT 500x | Manganese | Mn | µg/L | 4996.762 | PASS | 5336.96 | 6.37% | 10 |

01/02/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079692
Test Method: EPA 6020
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 125973

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to V. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079465-014B DT 5x | Arsenic | As | µg/L | 80.12033 | PASS | 83.21965 | 3.72% | 10 |
| N079465-014B DT 5x | Vanadium | V | µg/L | 0.4799001 | NA | 0.4984473 | 3.72% | 10 |

01/02/2026

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ARCUS02 C: 12/29/202 12:00 AM
FOLDER R: 12/11/2025
N079692-015A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Re |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD / RTNE: |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker / RWQCB ✓ |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec / CalTrans |
| Submitted By: Nava Tyr | | Phone: Fax: | Others ✓ / LEVEL III |
| Title: PM | Phone: 916-786-3302 Fax: | | Specify: RWQCB / LEVEL IV |
| Signature: Date: 12/11/25 | Sampled By: Nava Tyr | | Global ID: / Regulatory / Specify State: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - IM3 | Signature: Date: 12/11/25 | | |
| Project Number: 30251660 | | | |

Matrix: Ground X | Potable | NPDES | Surface; Sediment | Soil | Other Solid

1. Chilled Y ✓ N
2. Headspace Y ✓ N
3. Container Intact Y ✓ N
4. Seal Present Y ✓ N
5. IR number 4
6. Method of Cooling: ICE

Sample Temp: 1.8 / 3.9°C

Courier: ASSET

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate/Nitrite (SM4500N03) Nitrogen; H2SO4 (125 mL poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Boron, Barium, Calcium, Potassium, Magnesium, Manganese, Sodium, Vanadium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Dissolved Solids (SM2540C); 4°C (1 liter poly) | Chloride, Fluoride, Sulfate (EPA300.0); 4°C (1 liter poly) | Alkalinity, Total as CaCO3 (SM2320B); 4°C (1 liter poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079692-001 | CW-02D-Q425 | 12/11/2025 | 10:42 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 2 | -002 | CW-02M-Q425 | 12/11/2025 | 11:22 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 3 | -003 | CW-03D-Q425 | 12/11/2025 | 12:14 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 4 | -004 | CW-03M-Q425 | 12/11/2025 | 12:52 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 5 | -005 | CW-04D-Q425 | 12/11/2025 | 13:56 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 6 | -006 | MW-904-Q425 | 12/11/2025 | 14:06 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 7 | -007 | CW-04M-Q425 | 12/11/2025 | 14:38 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 8 | -008 | EB-748-Q425 | 12/11/2025 | 14:50 | | X | | | | | | | | E | 1 | P | BNS | |
| 9 | -009 | CW-01D-Q425 | 12/11/2025 | 12:31 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 10 | -010 | CW-01M-Q425 | 12/11/2025 | 11:41 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | ~~MS/MSD~~ → MS/MSD |
| 11 | -011 | OW-01D-Q425 | 12/11/2025 | 15:08 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 12 | -012 | OW-01M-Q425 | 12/11/2025 | 14:22 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 13 | -013 | OW-01S-Q425 | 12/11/2025 | 13:41 | | X | X | X | X | X | X | X | X | E | 4 | P | BNS | |
| 14 | -014 | EB-749-Q425 | 12/11/2025 | 15:18 | | X | | | | | | | | E | 1 | P | BNS | |
| 15 | ~~-015~~ | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Nava Tyr Date/Time: 12/11/25

Received by (Signature and Printed Name): ROMEO ALCANTARA Date/Time: 12/11/25 1630

Relinquished by (Signature and Printed Name): ROMEO ALCANTARA Date/Time: 12/11/25 1953

Received by (Signature and Printed Name): VR MARQUEZ Date/Time: 12/11/25

Relinquished by (Signature and Printed Name): Date/Time:

Received by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | $N=HNO_3$ | $S=H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| $Z=Zn(AC)_2$ | O=NaOH | $T=Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/11/2025 Workorder: N079692

Rep sample Temp (Deg C): 1.8/3.9 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano 12/12/2025

Reviewed By: For: MBC Mary Ann Yarra 12/16/2025

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-001A | CW-02D-Q425 | 12/11/2025 10:42:00 AM | 12/29/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-001B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-001C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-001D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-002A | CW-02M-Q425 | 12/11/2025 11:22:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-002B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-002C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-002D | CW-02M-Q425 | 12/11/2025 11:22:00 AM | 12/29/2025 | Groundwater | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-003A | CW-03D-Q425 | 12/11/2025 12:14:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-003B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-003C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-003D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-004A | CW-03M-Q425 | 12/11/2025 12:52:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-004B | CW-03M-Q425 | 12/11/2025 12:52:00 PM | 12/29/2025 | Groundwater | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-004C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-004D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-005A | CW-04D-Q425 | 12/11/2025 1:56:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-005B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-005C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-005D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-005D | CW-04D-Q425 | 12/11/2025 1:56:00 PM | 12/29/2025 | Groundwater | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-006A | MW-904-Q425 | 12/11/2025 2:06:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-006B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-006C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-006D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-007A | CW-04M-Q425 | 12/11/2025 2:38:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-007B | CW-04M-Q425 | 12/11/2025 2:38:00 PM | 12/29/2025 | Groundwater | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-007C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-007D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-008A | EB-748-Q425 | 12/11/2025 2:50:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-009A | CW-01D-Q425 | 12/11/2025 12:31:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-009B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-009C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-009D | CW-01D-Q425 | 12/11/2025 12:31:00 PM | 12/29/2025 | Groundwater | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-010A | CW-01M-Q425 | 12/11/2025 11:41:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079692-010B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☑ | ☑ | SUB |
| N079692-010C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☑ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079692-010D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☑ | ☐ | LGS |
| N079692-011A | OW-01D-Q425 | 12/11/2025 3:08:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-011B | OW-01D-Q425 | 12/11/2025 3:08:00 PM | 12/29/2025 | Groundwater | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-011C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-011D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-012A | OW-01M-Q425 | 12/11/2025 2:22:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-012B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-012C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-012D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-012D | OW-01M-Q425 | 12/11/2025 2:22:00 PM | 12/29/2025 | Groundwater | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-013A | OW-01S-Q425 | 12/11/2025 1:41:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-013B | | | 12/29/2025 | | SM4500-NO3F | NITRATE/NITRITE-N BY CADMIUM REDUCTION | ☐ | ☐ | ☑ | SUB |
| N079692-013C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079692-013D | | | 12/29/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | LGS |
| | | | 12/29/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | LGS |
| N079692-014A | EB-749-Q425 | 12/11/2025 3:18:00 PM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079692-015A | FOLDER | 12/29/2025 | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

# ASSET Laboratories

## WORK ORDER Summary

*12-Dec-25*

**WorkOrder:** N079692

**Client ID:** ARCUS02

**Project:** PG&E Topock - IM3, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079692-015A | FOLDER | 12/29/2025 | 12/29/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

**ASSET Laboratories**
*3151-3153 W Post Rd., Las Vegas, NV 89118*
*www.atl-labs.com*
*TEL: 7023072659* *FAX: 7023072691*

# CHAIN-OF-CUSTODY RECORD



**QC Level: Level IV**

**Subcontractor:**

Pace Analytical
4100 Altlas Court
Bakersfield, CA 93308

TEL: (661) 327-4911
FAX: (661) 327-1918
Acct #:

Field Sampler: Nara Tep

**13-Dec-25**

| Sample ID | Matrix | Date Collected | Bottle Type | Requested Tests: Nitrate/Nitrite EPA 353.2 SM4500-NO3F | | |
|---|---|---|---|---|---|---|
| N079692-001B / CW-02D-Q425 | Groundwater | 12/11/2025 10:42:00 AM | 4OZP | 1 | | |
| N079692-002B / CW-02M-Q425 | Groundwater | 12/11/2025 11:22:00 AM | 4OZP | 1 | | |
| N079692-003B / CW-03D-Q425 | Groundwater | 12/11/2025 12:14:00 PM | 4OZP | 1 | | |
| N079692-004B / CW-03M-Q425 | Groundwater | 12/11/2025 12:52:00 PM | 4OZP | 1 | | |
| N079692-005B / CW-04D-Q425 | Groundwater | 12/11/2025 1:56:00 PM | 4OZP | 1 | | |
| N079692-006B / MW-904-Q425 | Groundwater | 12/11/2025 2:06:00 PM | 4OZP | 1 | | |
| N079692-007B / CW-04M-Q425 | Groundwater | 12/11/2025 2:38:00 PM | 4OZP | 1 | | |
| N079692-009B / CW-01D-Q425 | Groundwater | 12/11/2025 12:31:00 PM | 4OZP | 1 | | |
| N079692-010B / CW-01M-Q425 | Groundwater | 12/11/2025 11:41:00 AM | 4OZP | 1 | MS/MSD | |
| N079692-011B / OW-01D-Q425 | Groundwater | 12/11/2025 3:08:00 PM | 4OZP | 1 | | |
| N079692-012B / OW-01M-Q425 | Groundwater | 12/11/2025 2:22:00 PM | 4OZP | 1 | | |
| N079692-013B / OW-01S-Q425 | Groundwater | 12/11/2025 1:41:00 PM | 4OZP | 1 | | |

General Comments: PLEASE EMAIL SAMPLE RECEIPT ACKNOWLEDGEMENT TO THE PM. ALWAYS CC: sonny.lorenzo@assetlaboratories.com

Please use PO#:N79692A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marlon at (702)-307-2659. Please e-mail results to reports.lv@assetlaboratories.com by:Standard TAT

Please analyze for Nitrate/Nitrite as Nitrogen by EPA 353.2. EDD requirement Labspec7 edata.

GLS#563855128

| | | Date/Time | | Date/Time |
|---|---|---|---|---|
| **Relinquished by:** | Vaughn Mariano | 12/15/2025 17:00 | **Received by:** | |
| **Relinquished by:** | | | **Received by:** | |

December 09, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079150

RE: PG&E Topock - RCM, 30211191

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 20, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Sample N079150-014 (AmbientBlank-3-Q425) was not analyzed as per COC.

Analytical Comments for EPA 218.6:

Because the results for total dissolved chromium (2.2 ug/L) and hexavalent chromium (0 ug/L) for sample N079150-004 (C-MAR-S-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 6020_Dissolved:

Because the results for total dissolved chromium (2.2 ug/L) and hexavalent chromium (0 ug/L) for sample N079150-004 (C-MAR-S-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 4.2 and 0.14 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium and Manganese in QC samples N079198-005BMS and N079198-005BMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *09-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30211191
**Lab Order:** N079150
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079150-001A | C-CON-D-Q425 | Surface Water | 11/20/2025 9:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-001B | C-CON-D-Q425 | Surface Water | 11/20/2025 9:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-001C | C-CON-D-Q425 | Surface Water | 11/20/2025 9:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-002A | C-CON-S-Q425 | Surface Water | 11/20/2025 9:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-002B | C-CON-S-Q425 | Surface Water | 11/20/2025 9:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-002C | C-CON-S-Q425 | Surface Water | 11/20/2025 9:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-003A | C-MAR-D-Q425 | Surface Water | 11/20/2025 8:25:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-003B | C-MAR-D-Q425 | Surface Water | 11/20/2025 8:25:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-003C | C-MAR-D-Q425 | Surface Water | 11/20/2025 8:25:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-004A | C-MAR-S-Q425 | Surface Water | 11/20/2025 8:35:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-004B | C-MAR-S-Q425 | Surface Water | 11/20/2025 8:35:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-004C | C-MAR-S-Q425 | Surface Water | 11/20/2025 8:35:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-005A | C-NR1-D-Q425 | Surface Water | 11/20/2025 9:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-005B | C-NR1-D-Q425 | Surface Water | 11/20/2025 9:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-005C | C-NR1-D-Q425 | Surface Water | 11/20/2025 9:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-006A | C-NR1-S-Q425 | Surface Water | 11/20/2025 10:05:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-006B | C-NR1-S-Q425 | Surface Water | 11/20/2025 10:05:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-006C | C-NR1-S-Q425 | Surface Water | 11/20/2025 10:05:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-007A | C-NR3-D-Q425 | Surface Water | 11/20/2025 10:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-007B | C-NR3-D-Q425 | Surface Water | 11/20/2025 10:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-007C | C-NR3-D-Q425 | Surface Water | 11/20/2025 10:30:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-008A | C-NR3-S-Q425 | Surface Water | 11/20/2025 10:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-008B | C-NR3-S-Q425 | Surface Water | 11/20/2025 10:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-008C | C-NR3-S-Q425 | Surface Water | 11/20/2025 10:40:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-009A | C-NR4-D-Q425 | Surface Water | 11/20/2025 10:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-009B | C-NR4-D-Q425 | Surface Water | 11/20/2025 10:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-009C | C-NR4-D-Q425 | Surface Water | 11/20/2025 10:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-010A | C-NR4-S-Q425 | Surface Water | 11/20/2025 11:05:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-010B | C-NR4-S-Q425 | Surface Water | 11/20/2025 11:05:00 AM | 11/20/2025 | 12/9/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30211191
**Lab Order:** N079150
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079150-010C | C-NR4-S-Q425 | Surface Water | 11/20/2025 11:05:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-011A | MW-929-Q425 | Surface Water | 11/20/2025 10:15:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-011B | MW-929-Q425 | Surface Water | 11/20/2025 10:15:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-011C | MW-929-Q425 | Surface Water | 11/20/2025 10:15:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-012A | R-19-Q425 | Surface Water | 11/20/2025 8:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-012B | R-19-Q425 | Surface Water | 11/20/2025 8:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-012C | R-19-Q425 | Surface Water | 11/20/2025 8:55:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-013A | RRB-Q425 | Surface Water | 11/20/2025 9:10:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-013B | RRB-Q425 | Surface Water | 11/20/2025 9:10:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-013C | RRB-Q425 | Surface Water | 11/20/2025 9:10:00 AM | 11/20/2025 | 12/9/2025 |
| N079150-014A | AmbientBlank-3-Q425 | Surface Water | 11/20/2025 11:10:00 AM | 11/20/2025 | 12/9/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-CON-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:30:00 AM |
| **Lab ID:** | N079150-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 05:23 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 05:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-CON-S-Q425
**Lab Order:** N079150
**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 9:40:00 AM
**Lab ID:** N079150-002 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 05:42 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 05:40 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-MAR-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:25:00 AM |
| **Lab ID:** | N079150-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 06:00 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 05:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-MAR-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:35:00 AM |
| **Lab ID:** | N079150-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 06:19 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | 2.2 | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 05:52 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR1-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:55:00 AM |
| **Lab ID:** | N079150-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 11:49 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 05:58 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR1-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:05:00 AM |
| **Lab ID:** | N079150-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 06:57 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR3-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:30:00 AM |
| **Lab ID:** | N079150-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 07:16 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:09 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR3-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:40:00 AM

**Lab ID:** N079150-008 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** QC Batch: **R210862** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 07:35 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR4-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:55:00 AM

**Lab ID:** N079150-009 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** QC Batch: **R210862** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 12:18 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:33 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR4-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 11:05:00 AM |
| **Lab ID:** | N079150-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251122A** | QC Batch: **R210862** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/22/2025 07:54 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:39 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-929-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:15:00 AM |
| **Lab ID:** | N079150-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| **EPA 218.6** | | | | | | | |
| RunID: **NV00922-IC7_251124A** QC Batch: **R210918** PrepDate: Analyst: **RAB** | | | | | | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/24/2025 12:57 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** **EPA 6020** | | | | | | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125449** PrepDate: **11/23/2025** Analyst: **DJ** | | | | | | | |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R-19-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:55:00 AM |
| **Lab ID:** | N079150-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251124A** | QC Batch: **R210918** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/24/2025 01:57 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:50 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | RRB-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:10:00 AM |
| **Lab ID:** | N079150-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251124A** | QC Batch: **R210918** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/24/2025 01:25 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/29/2025 06:56 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210862** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210862** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210862** | TestNo: **EPA 218.6** | | Analysis Date: **11/22/2025** | SeqNo: **7218177** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210862** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210862** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210862** | TestNo: **EPA 218.6** | | Analysis Date: **11/22/2025** | SeqNo: **7218178** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.956 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | |

| Sample ID: **N079150-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210862** | TestNo: **EPA 218.6** | | Analysis Date: **11/22/2025** | SeqNo: **7218180** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.139 | 0.039 | 0.20 | 1.000 | 0.07840 | 106 | 90 | 110 | | | | |

| Sample ID: **N079150-005AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210862** | TestNo: **EPA 218.6** | | Analysis Date: **11/22/2025** | SeqNo: **7218181** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.177 | 0.039 | 0.20 | 1.000 | 0.07840 | 110 | 90 | 110 | 1.139 | 3.26 | 20 | |

| Sample ID: **N079150-009ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210862** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210862** | TestNo: **EPA 218.6** | | Analysis Date: **11/22/2025** | SeqNo: **7218183** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.083 | 0.039 | 0.20 | | | | | | 0.08010 | 0 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079150-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218184**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.131 | 0.039 | 0.20 | 1.000 | 0.08010 | 105 | 90 | 110 | | | | |

Sample ID: **N078946-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218186**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.128 | 0.039 | 0.20 | 1.000 | 0.1342 | 99.4 | 90 | 110 | | | | |

Sample ID: **N079012-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218190**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.084 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID: **N078679-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218195**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.297 | 0.039 | 0.20 | 1.000 | 0.2708 | 103 | 90 | 110 | | | | |

Sample ID: **N079010-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218199**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.998 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079010-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218201**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID: **N079010-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218205**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.345 | 0.19 | 1.0 | 5.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID: **N079150-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218207**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.140 | 0.039 | 0.20 | 1.000 | 0.1007 | 104 | 90 | 110 | | | | |

Sample ID: **N079150-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218209**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.141 | 0.039 | 0.20 | 1.000 | 0.1079 | 103 | 90 | 110 | | | | |

Sample ID: **N079150-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218211**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.107 | 0.039 | 0.20 | 1.000 | 0.08040 | 103 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079150-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218213**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.129 | 0.039 | 0.20 | 1.000 | 0.07870 | 105 | 90 | 110 | | | | |

Sample ID: **N079150-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218217**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.171 | 0.039 | 0.20 | 1.000 | 0.08770 | 108 | 90 | 110 | | | | |

Sample ID: **N079150-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218219**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.1181 | 99.1 | 90 | 110 | | | | |

Sample ID: **N079150-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218221**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.098 | 0.039 | 0.20 | 1.000 | 0.08910 | 101 | 90 | 110 | | | | |

Sample ID: **N079150-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210862**
Client ID: **ZZZZZZ** Batch ID: **R210862** TestNo: **EPA 218.6** Analysis Date: **11/22/2025** SeqNo: **7218223**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.148 | 0.039 | 0.20 | 1.000 | 0.08940 | 106 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210918** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221673** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210918** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221674** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.074 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID: **N079150-011AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221676** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.109 | 0.039 | 0.20 | 1.000 | 0.09490 | 101 | 90 | 110 | | | | |

| Sample ID: **N079150-011AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221677** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.09490 | 105 | 90 | 110 | 1.109 | 3.11 | 20 | |

| Sample ID: **N079150-013ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221679** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.067 | 0.039 | 0.20 | | | | | | 0.09930 | 0 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N079150-013AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221680** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.112 | 0.039 | 0.20 | 1.000 | 0.09930 | 101 | 90 | 110 | | | | |

| Sample ID: **N079150-012AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221682** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.071 | 0.039 | 0.20 | 1.000 | 0.09880 | 97.3 | 90 | 110 | | | | |

| Sample ID: **N079010-007AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221686** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.085 | 0.039 | 0.20 | 1.000 | 0.07460 | 101 | 90 | 110 | | | | |

| Sample ID: **N079010-009AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221688** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.937 | 0.19 | 1.0 | 5.000 | 0 | 98.7 | 90 | 110 | | | | |

| Sample ID: **N079010-010AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/24/2025** | SeqNo: **7221690** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.035 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079052-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221693**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.952 | 0.039 | 0.20 | 1.000 | 0 | 95.2 | 90 | 110 | | | | |

Sample ID: **N079052-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221697**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.097 | 0.039 | 0.20 | 1.000 | 0.1387 | 95.8 | 90 | 110 | | | | |

Sample ID: **N079052-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221701**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.761 | 0.19 | 1.0 | 5.000 | 0 | 95.2 | 90 | 110 | | | | |

Sample ID: **N079052-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221703**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.233 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID: **N079052-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221705**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.381 | 0.19 | 1.0 | 5.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N079052-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221707**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.717 | 0.19 | 1.0 | 5.000 | 0 | 94.3 | 90 | 110 | | | | |

Sample ID: **N079052-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221711**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.169 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221713**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.025 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/24/2025** SeqNo: **7221715**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.170 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

Sample ID: **N079112-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210918**
Client ID: **ZZZZZZ** Batch ID: **R210918** TestNo: **EPA 218.6** Analysis Date: **11/25/2025** SeqNo: **7221719**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.246 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N079112-006AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/25/2025** | SeqNo: **7221721** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.155 | 0.039 | 0.20 | 1.000 | 0.07200 | 108 | 90 | 110 | | | | |

| Sample ID: **N079112-007AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210918** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210918** | TestNo: **EPA 218.6** | | Analysis Date: **11/25/2025** | SeqNo: **7221723** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID: **MB-125449** | SampType: **MBLK** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240140** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID: **LCS-125449** | SampType: **LCS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240141** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.150 | 0.13 | 1.0 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID: **N079198-005BMS** | SampType: **MS** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240171** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 623.835 | 1.3 | 10 | 10.00 | 582.4 | 415 | 75 | 125 | | | | S |

| Sample ID: **N079198-005BMSD** | SampType: **MSD** | TestCode: **6020DIS_CrP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211157** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7240175** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 676.907 | 1.3 | 10 | 10.00 | 582.4 | 945 | 75 | 125 | 623.8 | 8.16 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID: **N079198-005B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **211157**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/29/2025** SeqNo: **7240169**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 668.179 | 1.3 | 10 | 100.0 | 582.4 | 85.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079150
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 50x | Chromium | Cr | µg/L | 542.0734 | PASS | 582.3602 | 6.92% | 10 |

12/09/2025

Note: NA - Not Applicable

12/09/25 13:13

N079150_6020_125449_DT

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-CON-D-Q425
**Lab Order:** N079150
**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 9:30:00 AM
**Lab ID:** N079150-001 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 11:41 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-CON-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:40:00 AM |
| **Lab ID:** | N079150-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 12:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-MAR-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:25:00 AM |
| **Lab ID:** | N079150-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 01:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-MAR-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:35:00 AM |
| **Lab ID:** | N079150-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.35 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 01:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR1-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:55:00 AM |
| **Lab ID:** | N079150-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 01:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR1-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:05:00 AM |
| **Lab ID:** | N079150-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 02:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR3-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:30:00 AM |
| **Lab ID:** | N079150-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 02:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR3-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:40:00 AM |
| **Lab ID:** | N079150-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 02:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR4-D-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:55:00 AM |
| **Lab ID:** | N079150-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 03:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-NR4-S-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 11:05:00 AM |
| **Lab ID:** | N079150-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 03:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-929-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 10:15:00 AM |
| **Lab ID:** | N079150-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 04:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R-19-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 8:55:00 AM |
| **Lab ID:** | N079150-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 04:20 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | RRB-Q425 |
| **Lab Order:** | N079150 | | |
| **Project:** | PG&E Topock - RCM, 30211191 | **Collection Date:** | 11/20/2025 9:10:00 AM |
| **Lab ID:** | N079150-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251121A** | QC Batch: **R210817** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/21/2025 04:36 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **MB-R210817_NO3** SampType: **MBLK** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210817**
Client ID: **PBW** Batch ID: **R210817** TestNo: **EPA 300.0** Analysis Date: **11/21/2025** SeqNo: **7213754**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

Sample ID: **LCS-R210817_NO3** SampType: **LCS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210817**
Client ID: **LCSW** Batch ID: **R210817** TestNo: **EPA 300.0** Analysis Date: **11/21/2025** SeqNo: **7213755**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.270 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | |

Sample ID: **N079150-001BDUP** SampType: **DUP** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210817**
Client ID: **ZZZZZZ** Batch ID: **R210817** TestNo: **EPA 300.0** Analysis Date: **11/21/2025** SeqNo: **7213757**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 0.334 | 0.024 | 0.050 | | | | | | 0.3340 | 0.0899 | 20 | |

Sample ID: **N079150-001BMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210817**
Client ID: **ZZZZZZ** Batch ID: **R210817** TestNo: **EPA 300.0** Analysis Date: **11/21/2025** SeqNo: **7213758**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.629 | 0.024 | 0.050 | 1.250 | 0.3340 | 104 | 80 | 120 | | | | |

Sample ID: **N079150-001BMSD** SampType: **MSD** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **210817**
Client ID: **ZZZZZZ** Batch ID: **R210817** TestNo: **EPA 300.0** Analysis Date: **11/21/2025** SeqNo: **7213759**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.627 | 0.024 | 0.050 | 1.250 | 0.3340 | 103 | 80 | 120 | 1.629 | 0.135 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID: **N079150-010BMS** | SampType: **MS** | TestCode: **300WLLNO3** | Units: **mg/L** | Prep Date: | RunNo: **210817** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210817** | TestNo: **EPA 300.0** | | Analysis Date: **11/21/2025** | SeqNo: **7213771** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.655 | 0.024 | 0.050 | 1.250 | 0.3369 | 105 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-CON-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 9:30:00 AM

**Lab ID:** N079150-001 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:05 AM |
| Manganese | 3.1 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 05:34 AM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:05 AM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:05 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-CON-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 9:40:00 AM

**Lab ID:** N079150-002 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:11 AM |
| Manganese | 2.9 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 05:40 AM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:11 AM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:11 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-MAR-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 8:25:00 AM

**Lab ID:** N079150-003 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:17 AM |
| Manganese | 17 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 05:46 AM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:17 AM |
| Selenium | 1.2 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:17 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-MAR-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 8:35:00 AM

**Lab ID:** N079150-004 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:22 AM |
| Manganese | 27 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 05:52 AM |
| Molybdenum | 5.1 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:22 AM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR1-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 9:55:00 AM

**Lab ID:** N079150-005 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:28 AM |
| Manganese | 3.8 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 05:58 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:28 AM |
| Selenium | 1.7 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:28 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR1-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:05:00 AM

**Lab ID:** N079150-006 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:34 AM |
| Manganese | 3.3 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:04 AM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:34 AM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR3-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:30:00 AM

**Lab ID:** N079150-007 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 05:40 AM |
| Manganese | 3.6 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:09 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 05:40 AM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 05:40 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR3-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:40:00 AM

**Lab ID:** N079150-008 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:03 AM |
| Manganese | 3.1 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:15 AM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:03 AM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:03 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR4-D-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:55:00 AM

**Lab ID:** N079150-009 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:09 AM |
| Manganese | 4.3 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:33 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:09 AM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:09 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** C-NR4-S-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 11:05:00 AM

**Lab ID:** N079150-010 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:15 AM |
| Manganese | 3.7 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:39 AM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:15 AM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 02:49 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** MW-929-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 10:15:00 AM

**Lab ID:** N079150-011 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:21 AM |
| Manganese | 3.3 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:44 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:21 AM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:21 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** R-19-Q425

**Lab Order:** N079150

**Project:** PG&E Topock - RCM, 30211191 **Collection Date:** 11/20/2025 8:55:00 AM

**Lab ID:** N079150-012 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:26 AM |
| Manganese | 3.6 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:50 AM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:26 AM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/27/2025 06:26 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** RRB-Q425
**Lab Order:** N079150
**Project:** PG&E Topock - RCM, 30211191
**Collection Date:** 11/20/2025 9:10:00 AM
**Lab ID:** N079150-013
**Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125449** | | | PrepDate: | | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/27/2025 06:32 AM |
| Manganese | 3.8 | 0.046 | 0.50 | | µg/L | 1 | 11/29/2025 06:56 AM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/27/2025 06:32 AM |
| Selenium | 1.3 | 0.29 | 0.50 | | µg/L | 1 | 12/5/2025 03:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-125449** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **PBW** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238364**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

Sample ID: **LCS-125449** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **LCSW** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238365**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.473 | 0.067 | 0.10 | 10.00 | 0 | 94.7 | 85 | 115 | | | | |
| Molybdenum | 9.557 | 0.063 | 0.50 | 10.00 | 0 | 95.6 | 85 | 115 | | | | |
| Selenium | 9.589 | 0.29 | 0.50 | 10.00 | 0 | 95.9 | 85 | 115 | | | | |

Sample ID: **N079198-005BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238389**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.782 | 0.067 | 0.10 | 10.00 | 0 | 87.8 | 75 | 125 | | | | |
| Molybdenum | 33.221 | 0.063 | 0.50 | 10.00 | 23.05 | 102 | 75 | 125 | | | | |
| Selenium | 11.505 | 0.29 | 0.50 | 10.00 | 2.057 | 94.5 | 75 | 125 | | | | |

Sample ID: **N079198-005BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **11/23/2025** RunNo: **211130**
Client ID: **ZZZZZZ** Batch ID: **125449** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/27/2025** SeqNo: **7238390**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.731 | 0.067 | 0.10 | 10.00 | 0 | 87.3 | 75 | 125 | 8.782 | 0.586 | 20 | |
| Molybdenum | 33.142 | 0.063 | 0.50 | 10.00 | 23.05 | 101 | 75 | 125 | 33.22 | 0.238 | 20 | |
| Selenium | 11.901 | 0.29 | 0.50 | 10.00 | 2.057 | 98.4 | 75 | 125 | 11.50 | 3.39 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **MB-125449** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239882** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-125449** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239883** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 102.738 | 0.046 | 0.50 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID: **N079198-005BMS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239913** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 346.230 | 0.46 | 5.0 | 100.0 | 219.1 | 127 | 75 | 125 | | | | S |

| Sample ID: **N079198-005BMSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/23/2025** | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239917** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 369.276 | 0.46 | 5.0 | 100.0 | 219.1 | 150 | 75 | 125 | 346.2 | 6.44 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079150
**Project:** PG&E Topock - RCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **N079198-005B-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **211130** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/27/2025** | SeqNo: **7238388** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.005 | 0.067 | 0.10 | 10.00 | 0 | 90.0 | 80 | 120 | | | | |
| Molybdenum | 33.328 | 0.063 | 0.50 | 10.00 | 23.05 | 103 | 80 | 120 | | | | |
| Selenium | 11.532 | 0.29 | 0.50 | 10.00 | 2.057 | 94.7 | 80 | 120 | | | | |

| Sample ID: **N079198-005B-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125449** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/29/2025** | SeqNo: **7239911** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1229.414 | 0.46 | 5.0 | 1000 | 219.1 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079150
Test Method: EPA 6020
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mo failed. However, PS passed criteria.
Dilution test is not applicable to As & Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079198-005B DT 5x | Molybdenum | Mo | µg/L | 30.58996 | FAIL | 23.05196 | 32.70% | 10 |
| N079198-005B DT 5x | Selenium | Se | µg/L | 2.937888 | NA | 2.056713 | 42.84% | 10 |

12/09/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079198 / N079150
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Groundwater
Batch No.: 125449

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 50x | Manganese | Mn | µg/L | 272.673 | FAIL | 219.0723 | 24.47% | 10 |

12/09/2025

Note: NA - Not Applicable

12/09/25 13:20

N079198_6020_125449_DT

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/8/2025 12:00 AM
FOLDER R: 11/20/2025
N079150-015A 1 of 1

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Russie Tap | | Phone: Fax: | Others ✓ Specify: RWQCB |
| Title: Field Tech | Phone: 720.344.3771 Fax: | | Global ID: |
| Signature: Date: 11-20-25 | Sampled By: Russie Tap | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11-20-25 | | |
| Project Number: 30211191 | | | |

| RTNE | | Y | N |
|---|---|---|---|
| RWQCB | ✓ | 1. Chilled | |
| CalTrans | | 2. Headspace | |
| LEVEL III | | 3. Container Intact | |
| LEVEL IV | | 4. Seal Present | |
| Regulatory | | 5. IR number | 4 |
| Specify State: | | 6. Method of Cooling: Ice | |

Sample Temp: 2.8/1.3/3.8°C
Courier: Asset
Tracking No.:

| Matrix | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH 250 mL poly | Nitrate (EPA 300.0) 1L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Ammonia as N (SM4500-NH3D); H2SO4 500mL poly | Nitrate, Nitrite, chloride, fluoride, sulfate (EPA 300.0) 1L poly | Alkalinity, Total as CaCO3 (SM2320B) 1L poly | Total Dissolved Solids (SM2540C) 1L poly | Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 125mL poly | TOC (SM5310C); H2SO4 3x40 mL VOA | Dissolved metals (SW6020) FF; HNO3, Boron, calcium, iron, potassium, sodium, barium. 500mL poly | Total metals, Iron (SW6010); HNO3 500mL poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079150-001 | C-CON-D-Q425 | 11/20/2025 | 9:30 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 2 | -002 | C-CON-S-Q425 | 11/20/2025 | 9:40 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 3 | -003 | C-MAR-D-Q425 | 11/20/2025 | 8:25 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 4 | -004 | C-MAR-S-Q425 | 11/20/2025 | 8:35 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 5 | -005 | C-NR1-D-Q425 | 11/20/2025 | 9:55 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 6 | -006 | C-NR1-S-Q425 | 11/20/2025 | 10:05 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 7 | -007 | C-NR3-D-Q425 | 11/20/2025 | 10:30 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 8 | -008 | C-NR3-S-Q425 | 11/20/2025 | 10:40 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 9 | -009 | C-NR4-D-Q425 | 11/20/2025 | 10:55 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 10 | -010 | C-NR4-S-Q425 | 11/20/2025 | 11:05 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 11 | -011 | MW-929-Q425 | 11/20/2025 | 10:15 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 12 | -012 | R-19-Q425 | 11/20/2025 | 8:55 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 13 | -013 | RRB-Q425 | 11/20/2025 | 9:10 | | X | X | X | X | | | | | | | | | E | 2 | P | BN | |
| 14 | -014 | AmbientBlank-3-Q425 | 11/20/2025 | 11:10 | | X | | | | | | | | | | | | E | 1 | P | BN | hold |

| Relinquished by (Signature and Printed Name) | Date/Time: | Relinquished by (Signature and Printed Name) | Date/Time: |
|---|---|---|---|
| Russie Tap | 11-20-25 | Michael Montana | 11/20/25 1600 |
| Michael Montana | 11/20/25 1906 | Michael Montana | 11/20/25 1906 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/20/2025 | Workorder: | N079150 |
| Rep sample Temp (Deg C): | 2.8/1.3/3.8 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Vaughn Mariano
11/21/2025

Reviewed By: For: MBC Ian Almario
11/23/2025

# ASSET Laboratories

## WORK ORDER Summary

*21-Nov-25*

**WorkOrder:** N079150

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30211191 **QC Level:** Level IV **Date Received:** 11/20/2025 7:06 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079150-001A | C-CON-D-Q425 | 11/20/2025 9:30:00 AM | 12/8/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-001B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-001C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-002A | C-CON-S-Q425 | 11/20/2025 9:40:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-002B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-002C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-003A | C-MAR-D-Q425 | 11/20/2025 8:25:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-003B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-003C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-004A | C-MAR-S-Q425 | 11/20/2025 8:35:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-004B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-004C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-005A | C-NR1-D-Q425 | 11/20/2025 9:55:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-005B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*21-Nov-25*

**WorkOrder:** N079150

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30211191 **QC Level:** Level IV **Date Received:** 11/20/2025 7:06 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079150-005C | C-NR1-D-Q425 | 11/20/2025 9:55:00 AM | 12/8/2025 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-006A | C-NR1-S-Q425 | 11/20/2025 10:05:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-006B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-006C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-007A | C-NR3-D-Q425 | 11/20/2025 10:30:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-007B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-007C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-008A | C-NR3-S-Q425 | 11/20/2025 10:40:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-008B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-008C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-009A | C-NR4-D-Q425 | 11/20/2025 10:55:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-009B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-009C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*21-Nov-25*

**WorkOrder:** N079150

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30211191 **QC Level:** Level IV **Date Received:** 11/20/2025 7:06 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079150-009C | C-NR4-D-Q425 | 11/20/2025 10:55:00 AM | 12/8/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-010A | C-NR4-S-Q425 | 11/20/2025 11:05:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-010B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-010C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-011A | MW-929-Q425 | 11/20/2025 10:15:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-011B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-011C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-012A | R-19-Q425 | 11/20/2025 8:55:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-012B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-012C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-013A | RRB-Q425 | 11/20/2025 9:10:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079150-013B | | | 12/8/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079150-013C | | | 12/8/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/8/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079150-014A | AmbientBlank-3-Q425 | 11/20/2025 11:10:00 AM | 12/8/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☑ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*21-Nov-25*

**WorkOrder:** N079150

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30211191 **QC Level:** Level IV **Date Received:** 11/20/2025 7:06 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079150-015A | FOLDER | 12/8/2025 | 12/8/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/8/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/8/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 08, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079111

RE: PG&E Topock - RCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 19, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Calcium in QC samples N078918-001E-MSD1 and N079198-005BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Sodium in QC samples N078918-002E-MS2 and N078918-002E-MS2 since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *08-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079111
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079111-001A | C-TAZ-D-Q425 | Surface Water | 11/19/2025 8:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-001B | C-TAZ-D-Q425 | Surface Water | 11/19/2025 8:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-001C | C-TAZ-D-Q425 | Surface Water | 11/19/2025 8:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-002A | MW-930-Q425 | Surface Water | 11/19/2025 8:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-002B | MW-930-Q425 | Surface Water | 11/19/2025 8:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-002C | MW-930-Q425 | Surface Water | 11/19/2025 8:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-003A | C-TAZ-S-Q425 | Surface Water | 11/19/2025 8:50:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-003B | C-TAZ-S-Q425 | Surface Water | 11/19/2025 8:50:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-003C | C-TAZ-S-Q425 | Surface Water | 11/19/2025 8:50:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-004A | C-I-3-D-Q425 | Surface Water | 11/19/2025 9:10:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-004B | C-I-3-D-Q425 | Surface Water | 11/19/2025 9:10:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-004C | C-I-3-D-Q425 | Surface Water | 11/19/2025 9:10:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-005A | C-I-3-S-Q425 | Surface Water | 11/19/2025 9:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-005B | C-I-3-S-Q425 | Surface Water | 11/19/2025 9:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-005C | C-I-3-S-Q425 | Surface Water | 11/19/2025 9:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-006A | R63-Q425 | Surface Water | 11/19/2025 9:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-006B | R63-Q425 | Surface Water | 11/19/2025 9:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-006C | R63-Q425 | Surface Water | 11/19/2025 9:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-006D | R63-Q425 | Surface Water | 11/19/2025 9:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-006E | R63-Q425 | Surface Water | 11/19/2025 9:40:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-007A | C-R22A-D-Q425 | Surface Water | 11/19/2025 10:00:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-007B | C-R22A-D-Q425 | Surface Water | 11/19/2025 10:00:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-007C | C-R22A-D-Q425 | Surface Water | 11/19/2025 10:00:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-008A | C-R22A-S-Q425 | Surface Water | 11/19/2025 10:15:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-008B | C-R22A-S-Q425 | Surface Water | 11/19/2025 10:15:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-008C | C-R22A-S-Q425 | Surface Water | 11/19/2025 10:15:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-009A | C-R27-D-Q425 | Surface Water | 11/19/2025 10:50:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-009B | C-R27-D-Q425 | Surface Water | 11/19/2025 10:50:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-009C | C-R27-D-Q425 | Surface Water | 11/19/2025 10:50:00 AM | 11/19/2025 | 12/8/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - RCM, 30251660
**Lab Order:** N079111
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079111-010A | C-R27-S-Q425 | Surface Water | 11/19/2025 11:05:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-010B | C-R27-S-Q425 | Surface Water | 11/19/2025 11:05:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-010C | C-R27-S-Q425 | Surface Water | 11/19/2025 11:05:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-011A | C-BNS-Q425 | Surface Water | 11/19/2025 10:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-011B | C-BNS-Q425 | Surface Water | 11/19/2025 10:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-011C | C-BNS-Q425 | Surface Water | 11/19/2025 10:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-012A | MW-931-Q425 | Surface Water | 11/19/2025 11:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-012B | MW-931-Q425 | Surface Water | 11/19/2025 11:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-012C | MW-931-Q425 | Surface Water | 11/19/2025 11:30:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-013A | R-28-Q425 | Surface Water | 11/19/2025 11:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-013B | R-28-Q425 | Surface Water | 11/19/2025 11:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-013C | R-28-Q425 | Surface Water | 11/19/2025 11:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-014A | SW1-Q425 | Surface Water | 11/19/2025 12:15:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-014B | SW1-Q425 | Surface Water | 11/19/2025 12:15:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-014C | SW1-Q425 | Surface Water | 11/19/2025 12:15:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-015A | SW2-Q425 | Surface Water | 11/19/2025 12:00:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-015B | SW2-Q425 | Surface Water | 11/19/2025 12:00:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-015C | SW2-Q425 | Surface Water | 11/19/2025 12:00:00 PM | 11/19/2025 | 12/8/2025 |
| N079111-016A | AmbientBlank-1-Q425 | Surface Water | 11/19/2025 8:20:00 AM | 11/19/2025 | 12/8/2025 |
| N079111-017A | AmbientBlank-2-Q425 | Surface Water | 11/19/2025 11:35:00 AM | 11/19/2025 | 12/8/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251121C** | QC Batch: **125406** | | | PrepDate: | **11/21/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 880 | 13 | 13 | | mg/L | 1 | 11/21/2025 09:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID | LCS-125406 | SampType: | LCS | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 11/21/2025 | RunNo: | 210931 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125406 | TestNo: | SM2540C | | | Analysis Date: | 11/21/2025 | SeqNo: | 7222334 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 970.000 | 10 | 10 | 1000 | 0 | 97.0 | 80 | 120 | | | | |

| Sample ID | MB-125406 | SampType: | MBLK | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 11/21/2025 | RunNo: | 210931 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125406 | TestNo: | SM2540C | | | Analysis Date: | 11/21/2025 | SeqNo: | 7222335 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID | N079148-001CDUP | SampType: | DUP | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 11/21/2025 | RunNo: | 210931 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125406 | TestNo: | SM2540C | | | Analysis Date: | 11/21/2025 | SeqNo: | 7222351 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 4130.000 | 50 | 50 | | | | | | 4120 | 0.242 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:30:00 AM |
| **Lab ID:** | N079111-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 11:02 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 07:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-930-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:40:00 AM |
| **Lab ID:** | N079111-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 12:18 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:04 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:50:00 AM |
| **Lab ID:** | N079111-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 12:37 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:10:00 AM |
| **Lab ID:** | N079111-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 12:55 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:20:00 AM |
| **Lab ID:** | N079111-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 01:33 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 01:52 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:00:00 AM |
| **Lab ID:** | N079111-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 02:11 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:15:00 AM |
| **Lab ID:** | N079111-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 02:30 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:50:00 AM |
| **Lab ID:** | N079111-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 02:49 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 08:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:05:00 AM |
| **Lab ID:** | N079111-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/20/2025 11:49 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-BNS-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:30:00 AM |
| **Lab ID:** | N079111-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 03:27 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-931-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:30:00 AM |
| **Lab ID:** | N079111-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 03:46 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R-28-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:20:00 AM |
| **Lab ID:** | N079111-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 04:05 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW1-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:15:00 PM |
| **Lab ID:** | N079111-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | **EPA 218.6** | | | | | |
| RunID: **NV00922-IC7_251120B** QC Batch: **R210729** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 04:24 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251128C** QC Batch: **125446** | | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW2-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:00:00 PM |
| **Lab ID:** | N079111-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251120B** | QC Batch: **R210729** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/21/2025 04:42 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/28/2025 09:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210729 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208604 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210729 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208605 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.767 | 0.039 | 0.20 | 5.000 | 0 | 95.3 | 90 | 110 | | | | | |

| Sample ID | N079111-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208607 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.166 | 0.039 | 0.20 | 1.000 | 0.08760 | 108 | 90 | 110 | | | | | |

| Sample ID | N079111-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208610 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.150 | 0.039 | 0.20 | 1.000 | 0.08760 | 106 | 90 | 110 | 1.166 | 1.41 | 20 | | |

| Sample ID | N079111-010ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7208612 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.090 | 0.039 | 0.20 | | | | | | 0.09040 | 0 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079111-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210729**
Client ID: **ZZZZZZ** Batch ID: **R210729** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7208613**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.157 | 0.039 | 0.20 | 1.000 | 0.09040 | 107 | 90 | 110 | | | | |

Sample ID **N079111-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210729**
Client ID: **ZZZZZZ** Batch ID: **R210729** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7208615**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.089 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID **N079111-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210729**
Client ID: **ZZZZZZ** Batch ID: **R210729** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7208617**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.128 | 0.039 | 0.20 | 1.000 | 0.09330 | 103 | 90 | 110 | | | | |

Sample ID **N079111-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210729**
Client ID: **ZZZZZZ** Batch ID: **R210729** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7208619**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.127 | 0.039 | 0.20 | 1.000 | 0.08010 | 105 | 90 | 110 | | | | |

Sample ID **N079111-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210729**
Client ID: **ZZZZZZ** Batch ID: **R210729** TestNo: **EPA 218.6** Analysis Date: **11/21/2025** SeqNo: **7208623**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.124 | 0.039 | 0.20 | 1.000 | 0.07230 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079111-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208625 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.084 | 0.039 | 0.20 | 1.000 | 0.09650 | 98.7 | 90 | 110 | | | | | | |

| Sample ID | N079111-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208627 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.135 | 0.039 | 0.20 | 1.000 | 0.06830 | 107 | 90 | 110 | | | | | | |

| Sample ID | N079111-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208629 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.093 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079111-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208631 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.086 | 0.039 | 0.20 | 1.000 | 0.06280 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079111-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208635 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.09990 | 101 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079111-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208637 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.150 | 0.039 | 0.20 | 1.000 | 0.08920 | 106 | 90 | 110 | | | | | | |

| Sample ID | N079111-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208639 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.115 | 0.039 | 0.20 | 1.000 | 0.08920 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079111-014AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208641 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.141 | 0.039 | 0.20 | 1.000 | 0.08170 | 106 | 90 | 110 | | | | | | |

| Sample ID | N079111-015AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210729 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210729 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/21/2025 | | SeqNo: | 7208643 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.121 | 0.039 | 0.20 | 1.000 | 0.09670 | 102 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125446 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211157 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7240039 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125446 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211157 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7240040 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.203 | 0.13 | 1.0 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N079111-001C-MS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211157 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7240044 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.075 | 0.13 | 1.0 | 10.00 | 0 | 101 | 75 | 125 | | | | |

| Sample ID | N079111-001C-MSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211157 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7240045 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 9.933 | 0.13 | 1.0 | 10.00 | 0 | 99.3 | 75 | 125 | 10.08 | 1.42 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N079111-001C-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **211157**
Client ID: **ZZZZZZ** Batch ID: **125446** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/28/2025** SeqNo: **7240043**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.210 | 0.13 | 1.0 | 10.00 | 0 | 102 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079111 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/26/2025 |
| Matrix: | Surface Water |
| Batch No.: | 125446 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mo, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079111-001C DT 5x | Arsenic | As | µg/L | 2.881809 | NA | 1.874358 | 53.75% | 10 |
| N079111-001C DT 5x | Molybdenum | Mo | µg/L | 5.466601 | NA | 4.491632 | 21.71% | 10 |
| N079111-001C DT 5x | Selenium | Se | µg/L | 1.854484 | NA | 1.599648 | 15.93% | 10 |

12/08/2025

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ALKALINITY, SPECIATED** | | | | | | | |
| | | | **SM 2320 B** | | | | |
| RunID: **NV00922-WC_251122B** | QC Batch: **R210868** | | | PrepDate: | | | Analyst: **LGS** |
| Alkalinity, Total (As CaCO3) | 130 | 5.0 | 5.0 | | mg/L | 1 | 11/22/2025 12:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 2320_W_SP**

| Sample ID | LCS-R210868 | SampType: | LCS | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | RunNo: | 210868 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210868 | TestNo: | SM 2320 B | | | Analysis Date: | 11/22/2025 | SeqNo: | 7218749 | | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | | |
| Alkalinity, Total (As CaCO3) | 94.792 | 5.0 | 5.0 | 100.0 | 0 | 94.8 | 85 | 115 | | | | | | | |

| Sample ID | MB-R210868 | SampType: | MBLK | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | RunNo: | 210868 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210868 | TestNo: | SM 2320 B | | | Analysis Date: | 11/22/2025 | SeqNo: | 7218750 | | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | | |
| Alkalinity, Total (As CaCO3) | ND | 5.0 | 5.0 | | | | | | | | | | | | |

| Sample ID | N079198-005CDUP | SampType: | DUP | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | RunNo: | 210868 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210868 | TestNo: | SM 2320 B | | | Analysis Date: | 11/22/2025 | SeqNo: | 7218760 | | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | | |
| Alkalinity, Total (As CaCO3) | 96.875 | 5.0 | 5.0 | | | | | | 95.83 | 1.08 | 30 | | | | |

| Sample ID | N079198-005CMS | SampType: | MS | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | RunNo: | 210868 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210868 | TestNo: | SM 2320 B | | | Analysis Date: | 11/22/2025 | SeqNo: | 7218761 | | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | | |
| Alkalinity, Total (As CaCO3) | 188.542 | 5.0 | 5.0 | 100.0 | 95.83 | 92.7 | 75 | 125 | | | | | | | |

| Sample ID | N079198-005CMSD | SampType: | MSD | TestCode: | 2320_W_SP | Units: | mg/L | Prep Date: | | RunNo: | 210868 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210868 | TestNo: | SM 2320 B | | | Analysis Date: | 11/22/2025 | SeqNo: | 7218762 | | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | | |
| Alkalinity, Total (As CaCO3) | 189.583 | 5.0 | 5.0 | 100.0 | 95.83 | 93.8 | 75 | 125 | 188.5 | 0.551 | 20 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:30:00 AM |
| **Lab ID:** | N079111-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.36 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 12:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-930-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:40:00 AM |
| **Lab ID:** | N079111-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.37 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 12:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:50:00 AM |
| **Lab ID:** | N079111-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.37 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 12:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:10:00 AM |
| **Lab ID:** | N079111-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.37 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:20:00 AM |
| **Lab ID:** | N079111-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.37 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 03:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California **Client Sample ID:** R63-Q425
**Lab Order:** N079111
**Project:** PG&E Topock - RCM, 30251660 **Collection Date:** 11/19/2025 9:40:00 AM
**Lab ID:** N079111-006 **Matrix:** SURFACE WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** QC Batch: **R210798** | | | | PrepDate: | | | Analyst: **ERP** |
| Bromide | ND | 0.036 | 0.50 | | mg/L | 1 | 11/20/2025 01:22 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120B** QC Batch: **R210799** | | | | PrepDate: | | | Analyst: **ERP** |
| Chloride | 210 | 29 | 50 | | mg/L | 100 | 11/20/2025 07:41 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251120A** QC Batch: **R210718** | | | | PrepDate: | | | Analyst: **ERP** |
| Fluoride | 0.38 | 0.032 | 0.10 | | mg/L | 1 | 11/20/2025 07:49 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120B** QC Batch: **R210799** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 240 | 34 | 50 | | mg/L | 100 | 11/20/2025 07:41 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** QC Batch: **R210798** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.28 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 01:22 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:00:00 AM |
| **Lab ID:** | N079111-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.36 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 03:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:15:00 AM |
| **Lab ID:** | N079111-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.36 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 03:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:50:00 AM |
| **Lab ID:** | N079111-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.37 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 03:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:05:00 AM |
| **Lab ID:** | N079111-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.35 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 04:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-BNS-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:30:00 AM |
| **Lab ID:** | N079111-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.36 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 04:22 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-931-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:30:00 AM |
| **Lab ID:** | N079111-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.35 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 04:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R-28-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:20:00 AM |
| **Lab ID:** | N079111-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.36 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 05:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW1-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:15:00 PM |
| **Lab ID:** | N079111-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.34 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 05:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW2-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:00:00 PM |
| **Lab ID:** | N079111-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251120A** | QC Batch: **R210798** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.33 | 0.024 | 0.050 | | mg/L | 1 | 11/20/2025 06:17 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_BRPGE**

| Sample ID | MB-R210798_BR | SampType: | MBLK | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212474 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | ND | 0.036 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R210798_BR | SampType: | LCS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212475 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.255 | 0.036 | 0.50 | 1.250 | 0 | 100 | 90 | 110 | | | | |

| Sample ID | N079111-006CDUP | SampType: | DUP | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212477 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 0.079 | 0.036 | 0.50 | | | | | | 0.08340 | 0 | 20 | |

| Sample ID | N079111-006CMS | SampType: | MS | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212478 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.355 | 0.036 | 0.50 | 1.250 | 0.08340 | 102 | 80 | 120 | | | | |

| Sample ID | N079111-006CMSD | SampType: | MSD | TestCode: | 300_W_BRP | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212479 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | 1.378 | 0.036 | 0.50 | 1.250 | 0.08340 | 104 | 80 | 120 | 1.355 | 1.65 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_CLPGE**

| Sample ID | MB-R210799_CL | SampType: | MBLK | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 210799 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212402 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | ND | 0.29 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R210799_CL | SampType: | LCS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 210799 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212403 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 1.900 | 0.29 | 0.50 | 2.000 | 0 | 95.0 | 90 | 110 | | | | | |

| Sample ID | N078976-004BDUP | SampType: | DUP | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 210799 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212406 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 395.100 | 58 | 100 | | | | | | 395.1 | 0.0101 | 20 | | |

| Sample ID | N078976-004BMS | SampType: | MS | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 210799 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212407 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 791.040 | 58 | 100 | 400.0 | 395.1 | 99.0 | 80 | 120 | | | | | |

| Sample ID | N078976-004BMSD | SampType: | MSD | TestCode: | 300_W_CLP | Units: | mg/L | Prep Date: | | | RunNo: | 210799 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212408 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Chloride | 787.000 | 58 | 100 | 400.0 | 395.1 | 98.0 | 80 | 120 | 791.0 | 0.512 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID | MB-R210718_F | SampType: | MBLK | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 210718 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7211925 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | ND | 0.032 | 0.10 | | | | | | | | | | |

| Sample ID | LCS-R210718_F | SampType: | LCS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 210718 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7211926 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 1.275 | 0.032 | 0.10 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N078976-002BDUP | SampType: | DUP | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 210718 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7211928 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 2.167 | 0.16 | 0.50 | | | | | | 2.166 | 0.0231 | 20 | | |

| Sample ID | N078976-002BMS | SampType: | MS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 210718 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7211929 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 8.620 | 0.16 | 0.50 | 6.250 | 2.166 | 103 | 80 | 120 | | | | | |

| Sample ID | N078976-002BMSD | SampType: | MSD | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | | RunNo: | 210718 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7211930 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Fluoride | 8.667 | 0.16 | 0.50 | 6.250 | 2.166 | 104 | 80 | 120 | 8.620 | 0.550 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_FPGE**

| Sample ID | N079111-006CMS | SampType: | MS | TestCode: | 300_W_FPG | Units: | mg/L | Prep Date: | | RunNo: | 210718 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210718 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7211936 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 1.439 | 0.032 | 0.10 | 1.250 | 0.3806 | 84.6 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210799_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210799 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212417 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R210799_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210799 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212418 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.932 | 0.34 | 0.50 | 4.000 | 0 | 98.3 | 90 | 110 | | | | |

| Sample ID | N078976-004BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210799 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212421 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1843.920 | 69 | 100 | | | | | | 1868 | 1.31 | 20 | |

| Sample ID | N078976-004BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210799 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212422 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 2650.820 | 69 | 100 | 800.0 | 1868 | 97.8 | 80 | 120 | | | | |

| Sample ID | N078976-004BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210799 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210799 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212423 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 2644.400 | 69 | 100 | 800.0 | 1868 | 97.0 | 80 | 120 | 2651 | 0.242 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210798_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210798 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212490 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R210798_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210798 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212491 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.273 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N079111-006CDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210798 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212497 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 0.282 | 0.024 | 0.050 | | | | | | 0.2775 | 1.68 | 20 | | |

| Sample ID | N079111-006CMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210798 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212498 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.521 | 0.024 | 0.050 | 1.250 | 0.2775 | 99.5 | 80 | 120 | | | | | |

| Sample ID | N079111-006CMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 210798 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | | SeqNo: | 7212499 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.528 | 0.024 | 0.050 | 1.250 | 0.2775 | 100 | 80 | 120 | 1.521 | 0.453 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079111-011BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210798 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210798 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/20/2025 | SeqNo: | 7212508 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.682 | 0.024 | 0.050 | 1.250 | 0.3592 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251125B** | QC Batch: **125495** | | | PrepDate: | **11/25/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.0 | 0.090 | 1.0 | | mg/L | 1 | 11/25/2025 03:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125495** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/25/2025** | RunNo: **211007** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125495** | TestNo: **SM 5310B** | | Analysis Date: **11/25/2025** | SeqNo: **7227278** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.821 | 0.090 | 1.0 | 5.000 | 0 | 96.4 | 85 | 115 | | | | |

| Sample ID **MB-125495** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/25/2025** | RunNo: **211007** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125495** | TestNo: **SM 5310B** | | Analysis Date: **11/25/2025** | SeqNo: **7227279** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N079112-002CMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/25/2025** | RunNo: **211007** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125495** | TestNo: **SM 5310B** | | Analysis Date: **11/25/2025** | SeqNo: **7227281** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.757 | 0.090 | 1.0 | 5.000 | 0.6766 | 102 | 75 | 125 | | | | |

| Sample ID **N079112-002CMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/25/2025** | RunNo: **211007** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125495** | TestNo: **SM 5310B** | | Analysis Date: **11/25/2025** | SeqNo: **7227282** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.710 | 0.090 | 1.0 | 5.000 | 0.6766 | 101 | 75 | 125 | 5.757 | 0.820 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126E** | QC Batch: **125450** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Iron | 27 | 5.8 | 20 | | µg/L | 1 | 11/26/2025 03:50 PM |
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251126D** | QC Batch: **125450** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Calcium | 85 | 0.068 | 0.50 | | mg/L | 1 | 11/26/2025 03:50 PM |
| Magnesium | 26 | 0.013 | 0.10 | | mg/L | 1 | 11/26/2025 03:50 PM |
| Potassium | 6.9 | 0.45 | 2.5 | | mg/L | 5 | 11/24/2025 03:53 PM |
| Sodium | 180 | 2.8 | 12 | | mg/L | 25 | 11/24/2025 05:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | LCS1-125450 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228835 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 99.460 | 5.8 | 20 | 100.0 | 0 | 99.5 | 85 | 115 | | | | |

| Sample ID | N078918-001E-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228839 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 200.000 | 5.8 | 20 | 100.0 | 105.9 | 94.1 | 75 | 125 | | | | |

| Sample ID | N078918-001E-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228840 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 200.180 | 5.8 | 20 | 100.0 | 105.9 | 94.3 | 75 | 125 | 200.0 | 0.0900 | 20 | |

| Sample ID | N079198-005BMS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228858 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 134.320 | 5.8 | 20 | 100.0 | 40.09 | 94.2 | 75 | 125 | | | | |

| Sample ID | N079198-005BMSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228859 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 136.130 | 5.8 | 20 | 100.0 | 40.09 | 96.0 | 75 | 125 | 134.3 | 1.34 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-125450 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211032 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228863 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | MB-125450 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219467 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | ND | 0.089 | 0.50 | | | | | | | | | |
| Sodium | ND | 0.11 | 0.50 | | | | | | | | | |

| Sample ID | LCS2-125450 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219468 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 8.776 | 0.089 | 0.50 | 10.00 | 0 | 87.8 | 85 | 115 | | | | |
| Sodium | 8.790 | 0.11 | 0.50 | 10.00 | 0 | 87.9 | 85 | 115 | | | | |

| Sample ID | N078918-002E-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219493 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 35.623 | 0.45 | 2.5 | 10.00 | 23.14 | 125 | 75 | 125 | | | | |

| Sample ID | N078918-002E-MS2 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219494 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1420.848 | 57 | 250 | 10.00 | 1309 | 1120 | 75 | 125 | | | | S |

| Sample ID | N078918-002E-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219495 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 34.789 | 0.45 | 2.5 | 10.00 | 23.14 | 117 | 75 | 125 | 35.62 | 2.37 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N078918-002E-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219496 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 1338.738 | 57 | 250 | 10.00 | 1309 | 298 | 75 | 125 | 1421 | 5.95 | 20 | S |

| Sample ID | LCS1-125450 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228685 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 10.155 | 0.068 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |
| Magnesium | 10.168 | 0.013 | 0.10 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N078918-001E-MS1 | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228689 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 249.731 | 0.068 | 0.50 | 10.00 | 237.5 | 122 | 75 | 125 | | | | |
| Magnesium | 57.105 | 0.013 | 0.10 | 10.00 | 46.89 | 102 | 75 | 125 | | | | |

| Sample ID | N078918-001E-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228690 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 251.764 | 0.068 | 0.50 | 10.00 | 237.5 | 143 | 75 | 125 | 249.7 | 0.811 | 20 | S |
| Magnesium | 57.472 | 0.013 | 0.10 | 10.00 | 46.89 | 106 | 75 | 125 | 57.11 | 0.641 | 20 | |

| Sample ID | N079198-005BMS | SampType: | MS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228708 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 192.760 | 0.068 | 0.50 | 10.00 | 186.4 | 64.0 | 75 | 125 | | | | S |
| Magnesium | 23.504 | 0.013 | 0.10 | 10.00 | 13.60 | 99.0 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N079198-005BMSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228709 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 195.566 | 0.068 | 0.50 | 10.00 | 186.4 | 92.1 | 75 | 125 | 192.8 | 1.45 | 20 | |
| Magnesium | 23.650 | 0.013 | 0.10 | 10.00 | 13.60 | 100 | 75 | 125 | 23.50 | 0.618 | 20 | |

| Sample ID | MB-125450 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228713 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | ND | 0.068 | 0.50 | | | | | | | | | |
| Magnesium | ND | 0.013 | 0.10 | | | | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N078918-001E-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **11/23/2025** | RunNo: | **211032** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125450** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/26/2025** | SeqNo: | **7228838** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 206.150 | 5.8 | 20 | 100.0 | 105.9 | 100 | 80 | 120 | | | | |

| Sample ID | **N079198-005B-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | | RunNo: | **211032** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125450** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **11/26/2025** | SeqNo: | **7228855** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 143.640 | 5.8 | 20 | 100.0 | 40.09 | 104 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPM**

| Sample ID | N078918-002E-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219491 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | 89.008 | 0.45 | 2.5 | 50.00 | 23.14 | 132 | 80 | 120 | | | | S |

| Sample ID | N078918-002E-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 210886 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7219492 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 6305.670 | 57 | 250 | 5000 | 1309 | 99.9 | 80 | 120 | | | | |

| Sample ID | N078918-001E-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | 11/23/2025 | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228688 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 248.827 | 0.068 | 0.50 | 10.00 | 237.5 | 113 | 80 | 120 | | | | |
| Magnesium | 58.107 | 0.013 | 0.10 | 10.00 | 46.89 | 112 | 80 | 120 | | | | |

| Sample ID | N079198-005B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | mg/L | Prep Date: | | RunNo: | 211030 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125450 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7228705 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 196.793 | 0.068 | 0.50 | 10.00 | 186.4 | 104 | 80 | 120 | | | | |
| Magnesium | 24.740 | 0.013 | 0.10 | 10.00 | 13.60 | 111 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078918 /N079052 /N079111
Test Method: EPA 6010B
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Al, B, Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-001E DT 5x | Aluminum | Al | mg/L | 0 | NA | 0 | | 10 |
| N078918-001E DT 5x | Boron | B | mg/L | 1.16495 | NA | 1.16578 | 0.07% | 10 |
| N078918-001E DT 5x | Calcium | Ca | mg/L | 257.1859 | PASS | 237.4834 | 8.30% | 10 |
| N078918-001E DT 5x | Magnesium | Mg | mg/L | 47.899 | PASS | 46.88844 | 2.16% | 10 |
| N078918-001E DT 5x | Iron | Fe | µg/L | 107.05 | NA | 105.93 | 1.06% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079052 / N079111
Test Method: EPA 6010B
Analysis Date: 11/24/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP3
Instrument Description: Perkin Elmer Avio 500Max

Comments:

Analyzed By: Diane Jetajobe

Dilution test for K failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078918-002E DT 25x | Potassium | K | mg/L | 17.70745 | FAIL | 23.13521 | 23.46% | 10 |
| N078918-002E DT 2500x | Sodium | Na | mg/L | 1396.62 | PASS | 1308.92 | 6.70% | 10 |

12/08/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079052 / N079111
Test Method: EPA 6010B
Analysis Date: 11/26/2025

Matrix: Groundwater
Batch No.: 125450

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079198-005B DT 5x | Iron | Fe | µg/L | 38.7 | NA | 40.09 | 3.47% | 10 |

12/08/2025

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:30:00 AM |
| **Lab ID:** | N079111-001 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: | **11/23/2025** | Analyst: **DJ** |
| Arsenic | 1.9 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 08:28 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 07:35 PM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 08:28 PM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 08:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-930-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:40:00 AM |
| **Lab ID:** | N079111-002 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 08:57 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:04 PM |
| Molybdenum | 4.4 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 08:57 PM |
| Selenium | 1.2 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 08:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-TAZ-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 8:50:00 AM |
| **Lab ID:** | N079111-003 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:02 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:21 PM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:02 PM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 09:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:10:00 AM |
| **Lab ID:** | N079111-004 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:25 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:27 PM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:25 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 11:05 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-I-3-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:20:00 AM |
| **Lab ID:** | N079111-005 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:31 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:33 PM |
| Molybdenum | 4.3 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:31 PM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 09:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R63-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 9:40:00 AM |
| **Lab ID:** | N079111-006 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:37 PM |
| Manganese | 24 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:39 PM |
| Molybdenum | 4.7 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:37 PM |
| Selenium | 1.2 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 09:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:00:00 AM |
| **Lab ID:** | N079111-007 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:43 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:45 PM |
| Molybdenum | 4.4 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:43 PM |
| Selenium | 1.3 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 09:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R22A-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:15:00 AM |
| **Lab ID:** | N079111-008 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 1.9 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:49 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:51 PM |
| Molybdenum | 4.3 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:49 PM |
| Selenium | 1.7 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 09:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-D-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:50:00 AM |
| **Lab ID:** | N079111-009 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 09:54 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 08:56 PM |
| Molybdenum | 4.3 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 09:54 PM |
| Selenium | 1.3 | 0.29 | 0.50 | | µg/L | 1 | 12/3/2025 01:43 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-R27-S-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:05:00 AM |
| **Lab ID:** | N079111-010 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 1.9 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:00 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:02 PM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:00 PM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 10:00 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | C-BNS-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 10:30:00 AM |
| **Lab ID:** | N079111-011 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:06 PM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:08 PM |
| Molybdenum | 4.4 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:06 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 11:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-931-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:30:00 AM |
| **Lab ID:** | N079111-012 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:12 PM |
| Manganese | 1.2 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:14 PM |
| Molybdenum | 4.6 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:12 PM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 10:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | R-28-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 11:20:00 AM |
| **Lab ID:** | N079111-013 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | PrepDate: | **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.0 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:35 PM |
| Manganese | 1.1 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:31 PM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:35 PM |
| Selenium | 1.5 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 10:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW1-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:15:00 PM |
| **Lab ID:** | N079111-014 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.1 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:41 PM |
| Manganese | 2.9 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:37 PM |
| Molybdenum | 4.5 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:41 PM |
| Selenium | 1.4 | 0.29 | 0.50 | | µg/L | 1 | 11/30/2025 11:22 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | SW2-Q425 |
| **Lab Order:** | N079111 | | |
| **Project:** | PG&E Topock - RCM, 30251660 | **Collection Date:** | 11/19/2025 12:00:00 PM |
| **Lab ID:** | N079111-015 | **Matrix:** | SURFACE WATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251126A** | QC Batch: **125446** | | | | PrepDate: **11/23/2025** | | Analyst: **DJ** |
| Arsenic | 2.2 | 0.067 | 0.10 | | µg/L | 1 | 11/26/2025 10:47 PM |
| Manganese | 6.7 | 0.046 | 0.50 | | µg/L | 1 | 11/28/2025 09:43 PM |
| Molybdenum | 4.4 | 0.063 | 0.50 | | µg/L | 1 | 11/26/2025 10:47 PM |
| Selenium | 1.6 | 0.29 | 0.50 | | µg/L | 1 | 11/26/2025 10:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125446 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211130 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7238283 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125446 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211130 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7238284 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.303 | 0.067 | 0.10 | 10.00 | 0 | 93.0 | 85 | 115 | | | | |
| Molybdenum | 9.354 | 0.063 | 0.50 | 10.00 | 0 | 93.5 | 85 | 115 | | | | |
| Selenium | 9.875 | 0.29 | 0.50 | 10.00 | 0 | 98.7 | 85 | 115 | | | | |

| Sample ID | N079111-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211130 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7238288 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.322 | 0.067 | 0.10 | 10.00 | 1.874 | 94.5 | 75 | 125 | | | | |
| Molybdenum | 14.155 | 0.063 | 0.50 | 10.00 | 4.492 | 96.6 | 75 | 125 | | | | |
| Selenium | 11.208 | 0.29 | 0.50 | 10.00 | 1.600 | 96.1 | 75 | 125 | | | | |

| Sample ID | N079111-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211130 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/26/2025 | SeqNo: | 7238289 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.709 | 0.067 | 0.10 | 10.00 | 1.874 | 98.3 | 75 | 125 | 11.32 | 3.36 | 20 | |
| Molybdenum | 14.303 | 0.063 | 0.50 | 10.00 | 4.492 | 98.1 | 75 | 125 | 14.16 | 1.04 | 20 | |
| Selenium | 11.090 | 0.29 | 0.50 | 10.00 | 1.600 | 94.9 | 75 | 125 | 11.21 | 1.06 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125446 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211154 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7239781 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125446 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211154 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7239782 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 102.958 | 0.046 | 0.50 | 100.0 | 0 | 103 | 85 | 115 | | | | |

| Sample ID | N079111-001C-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211154 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7239786 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 99.432 | 0.046 | 0.50 | 100.0 | 0 | 99.4 | 75 | 125 | | | | |

| Sample ID | N079111-001C-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/23/2025 | RunNo: | 211154 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125446 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/28/2025 | SeqNo: | 7239787 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 98.567 | 0.046 | 0.50 | 100.0 | 0 | 98.6 | 75 | 125 | 99.43 | 0.874 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079111
**Project:** PG&E Topock - RCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **N079111-001C-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **211130** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125446** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/26/2025** | SeqNo: **7238287** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.484 | 0.067 | 0.10 | 10.00 | 1.874 | 96.1 | 80 | 120 | | | | |
| Molybdenum | 14.162 | 0.063 | 0.50 | 10.00 | 4.492 | 96.7 | 80 | 120 | | | | |
| Selenium | 11.225 | 0.29 | 0.50 | 10.00 | 1.600 | 96.3 | 80 | 120 | | | | |

| Sample ID **N079111-001C-PS** | SampType: **PS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: | RunNo: **211154** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125446** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/28/2025** | SeqNo: **7239785** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 101.560 | 0.046 | 0.50 | 100.0 | 0 | 102 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079111
Test Method: EPA 6020
Analysis Date: 11/26/2025

Matrix: Surface Water
Batch No.: 125446

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As, Mo, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079111-001C DT 5x | Arsenic | As | µg/L | 2.881809 | NA | 1.874358 | 53.75% | 10 |
| N079111-001C DT 5x | Molybdenum | Mo | µg/L | 5.466601 | NA | 4.491632 | 21.71% | 10 |
| N079111-001C DT 5x | Selenium | Se | µg/L | 1.854484 | NA | 1.599648 | 15.93% | 10 |

12/08/2025

Note: NA - Not Applicable

12/08/25 16:10

N079111_6020_125446_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079111
Test Method: EPA 6020
Analysis Date: 11/28/2025

Matrix: Surface Water
Batch No.: 125446

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079111-001C DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079111-001C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0 | | 10 |

12/08/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/5/2025 12:00 AM
FOLDER R: 11/19/2025
N079111-018A 1 of 1

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Req |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Nara Tay | | Phone: Fax: | Others ✓ |
| Title: PM | Phone: 720.344.3771 Fax: | | Specify: RWQCB |
| Signature: Date: 11/19/25 | Sampled By: Nara Tay | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - RCM | Signature: Date: 11/19/25 | | |
| Project Number: 30251660 | | | |

| RTNE | |
|---|---|
| RWQCB | ✓ |
| CalTrans | |
| LEVEL III | |
| LEVEL IV | |
| Regulatory | |
| Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | | |
| 4. Seal Present | | |
| 5. IR number | | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 1.7/1.7°C

Courier: FedEx

Tracking No.:

| Matrix | | | |
|---|---|---|---|
| Ground | | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | X | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate (EPA 300.0) (1L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Ammonia as N (SM4500-NH3D); H2SO4 (500mL poly) | Nitrate, bromide, chloride, fluoride, sulfate (EPA 300.0) (1L poly) | Alkalinity, Total as CaCO3 (SM2320B) (1L poly) | Total Dissolved Solids (SM2540C) (1L poly) | Nitrate/Nitrite as Nitrogen (SM4500-NO3); H2SO4 (125mL poly) | TOC (SM5310B); H2SO4 (3x40 mL VOA vials) | Dissolved metals (SW6020) FF; HNO3, calcium, iron, potassium, sodium, magnesium. (500mL poly) | Total metals, Iron (SW6010); HNO3 (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079111-001 | C-TAZ-D-Q425 | 11/19/2025 | 8:30 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 2 | -002 | MW-930-Q425 | 11/19/2025 | 8:40 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 3 | -003 | C-TAZ-S-Q425 | 11/19/2025 | 8:50 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 4 | -004 | C-I-3-D-Q425 | 11/19/2025 | 9:10 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 5 | -005 | C-I-3-S-Q425 | 11/19/2025 | 9:20 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| | -006 | R63-Q425 | 11/19/2025 | 9:40 | | X | | X | X | ~~X~~ | X | X | X | X | X | X | | E | 5 | P | BN | |
| 7 | -007 | C-R22A-D-Q425 | 11/19/2025 | 10:00 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 8 | -008 | C-R22A-S-Q425 | 11/19/2025 | 10:15 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 9 | -009 | C-R27-D-Q425 | 11/19/2025 | 10:50 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 10 | -010 | C-R27-S-Q425 | 11/19/2025 | 11:05 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 11 | -011 | C-BNS-Q425 | 11/19/2025 | 10:30 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 12 | -012 | MW-931-Q425 | 11/19/2025 | 11:30 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 13 | -013 | R-28-Q425 | 11/19/2025 | 11:20 | | X | X | X | X | | | | | | | | | E | 3 | P | BN | |
| 14 | | | | | | | | | | | | | | | | | | E | 2 | P | BN | |

(SM5310B)

Reliquished by (Signature and Printed Name): Nara Tay Date/Time: 11/19/25 1600

Reliquished by (Signature and Printed Name): Michael McCartan Date/Time: 11/19/25 1600

Reliquished by (Signature and Printed Name): Michael McCartan Date/Time: 11/19/25 1914

Reliquished by (Signature and Printed Name): Michael McCartan Date/Time: 11/19/25 1914

Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

| | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| | C | = 2 Workdays |
| | D | = 3 Workdays |
| X | E | = Routine 5-7 Workdays |

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD


Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com


Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement: Others ✓ (Specify: RWQCB) |
| Address: 630 Plaza Dr | Company: Arcadis | Address: | QA/QC: RWQCB ✓ |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Sample Receipt Condition: 1. Chilled Y, 2. Headspace, 3. Container Intact Y, 4. Seal Present Y, 5. IR number 4 |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Nava Tan | Phone: 720.344.3771 Fax: | Phone: Fax: | 6. Method of Cooling: ICE |
| Title: PM | | Global ID: | Sample Temp: 1.7 / 1.7 |
| Signature: Date: 11/19/25 | Sampled By: Nava Tan | | Courier: Asset |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | Tracking No.: |
| Project Name: PG&E Topock - RCM | Signature: Date: 11/19/25 | | |
| Project Number: 30251660 | | | |

Matrix: Ground; Sediment; Potable; Soil; NPDES; Other Solid; Surface: x

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate (EPA 300.0) (1L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Manganese, Molybdenum, selenium (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1207911 - 014 | SW1-Q425 | 11/19/2025 | 12:15 | | X | X | X | X | E | 3 | P | BN | |
| 2 | -015 | SW2-Q425 | 11/19/2025 | 12:00 | | X | X | X | X | E | 3 | P | BN | |
| 3 | -016 | AmbientBlank-1-Q425 | 11/19/2025 | 8:20 | | X | X | X | X | E | 1 | P | BN | HOLD |
| 4 | -017 | AmbientBlank-2-Q425 | 11/19/2025 | 11:35 | | X | X | X | X | E | 1 | P | BN | HOLD |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name) | Date/Time | Received by (Signature and Printed Name) | Date/Time |
|---|---|---|---|
| Nava Tan | 11/19/25 1600 | Michael Alcantara | 11/19/25 1600 |
| Michael Alcantara | 11/19/25 1914 | Michael Alcantara | 11/19/25 1914 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Terms**

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
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9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 11/19/2025 Workorder: N079111

Rep sample Temp (Deg C): 1.7/1.7 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☑ | No ☐ | NA ☐ |
| Was Client notified? | Yes ☑ | No ☐ | NA ☐ |

Comments: See correspondence

Checklist Completed By: VM **Vaughn M.** 11/20/2025

Reviewed By: MBC For: Mary Ann Yarra 12/04/2025

ASSET Sample Control LV

From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
Sent: Monday, December 1, 2025 1:04 PM
To: Madsen, Laura
Cc: vaughn@assetlaboratories.com; 'ASSET Sample Control LV'
Subject: Re: PG&E Topock - RCM, 30251660 (ASSET Labs No. N079111)

Noted Laura.

Thanks for confirming!

**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and delete the original message. Thank you.

On 12/1/2025 12:48 PM, Madsen, Laura wrote:

> Hi Yoandra,
> The COC was mismarked, it should have been marked for nitrate as N by 300.
>
> Thanks,
>
> **Laura Madsen** PG
> Project Geologist
> Arcadis U.S., Inc.
> M +1 303 653 5749
>
> ---
>
> From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
> Sent: Monday, December 1, 2025 2:34 PM
> To: Madsen, Laura <Laura.Madsen@arcadis.com>
> Cc: vaughn@assetlaboratories.com; 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>
> Subject: Re: PG&E Topock - RCM, 30251660 (ASSET Labs No. N079111)
>
> Arcadis Warning: Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.
>
> Hi Laura,

Sorry, it should be for sample 6. For 4500 we need the bottle preserved with HNO3.

300 is OK.

**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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On 12/1/2025 12:27 PM, Madsen, Laura wrote:

> For samples 14 and 15 both no nitrate bottle was received?
>
> **Laura Madsen** PG
> Project Geologist
> Arcadis U.S., Inc.
> M +1 303 653 5749
>
> ---
>
> From: Yoandra Rodriguez <yoandra@assetlaboratories.com>
> Sent: Monday, December 1, 2025 2:26 PM
> To: Madsen, Laura <Laura.Madsen@arcadis.com>
> Cc: vaughn@assetlaboratories.com; 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>
> Subject: PG&E Topock - RCM, 30251660 (ASSET Labs No. N079111)
>
> Arcadis Warning: Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.
>
> Hi Laura,
>
> Apologies for the late email. Nitrate/Nitrite by 4500 is requested on the attached COC, but as per sample control the bottle was not received.
>
> Please advise how to proceed.
>
> --
> **Thanks,**
>
> **Yoandra Rodriguez**
> **Project Manager**
>
> Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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# ASSET Laboratories

## WORK ORDER Summary

*20-Nov-25*

**WorkOrder:** N079111

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/19/2025 7:14 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079111-001A | C-TAZ-D-Q425 | 11/19/2025 8:30:00 AM | 12/5/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-001B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-001C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-002A | MW-930-Q425 | 11/19/2025 8:40:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-002B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-002C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-003A | C-TAZ-S-Q425 | 11/19/2025 8:50:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-003B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-003C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-004A | C-I-3-D-Q425 | 11/19/2025 9:10:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-004B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-004C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-005A | C-I-3-S-Q425 | 11/19/2025 9:20:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-005B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*20-Nov-25*

**WorkOrder:** N079111

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/19/2025 7:14 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079111-005C | C-I-3-S-Q425 | 11/19/2025 9:20:00 AM | 12/5/2025 | Surface Water | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-006A | R63-Q425 | 11/19/2025 9:40:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-006B | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-006C | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☐ | ☐ | ☐ | WW |
| N079111-006D | | | 12/5/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☐ | ☐ | ☐ | WW |
| N079111-006E | | | 12/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079111-007A | C-R22A-D-Q425 | 11/19/2025 10:00:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*20-Nov-25*

**WorkOrder:** N079111

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/19/2025 7:14 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079111-007B | C-R22A-D-Q425 | 11/19/2025 10:00:00 AM | 12/5/2025 | Surface Water | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-007C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-008A | C-R22A-S-Q425 | 11/19/2025 10:15:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-008B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-008C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-009A | C-R27-D-Q425 | 11/19/2025 10:50:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-009B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-009C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-010A | C-R27-S-Q425 | 11/19/2025 11:05:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-010B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-010C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-011A | C-BNS-Q425 | 11/19/2025 10:30:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-011B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-011C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*20-Nov-25*

**WorkOrder:** N079111

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/19/2025 7:14 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079111-011C | C-BNS-Q425 | 11/19/2025 10:30:00 AM | 12/5/2025 | Surface Water | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-012A | MW-931-Q425 | 11/19/2025 11:30:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-012B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-012C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-013A | R-28-Q425 | 11/19/2025 11:20:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-013B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-013C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-014A | SW1-Q425 | 11/19/2025 12:15:00 PM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-014B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-014C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079111-015A | SW2-Q425 | 11/19/2025 12:00:00 PM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079111-015B | | | 12/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079111-015C | | | 12/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*20-Nov-25*

**WorkOrder:** N079111

**Client ID:** ARCUS02

**Project:** PG&E Topock - RCM, 30251660 **QC Level:** Level IV **Date Received:** 11/19/2025 7:14 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079111-016A | AmbientBlank-1-Q425 | 11/19/2025 8:20:00 AM | 12/5/2025 | Surface Water | EPA 218.6 | Hexavalent Chromium by IC | ☑ | ☐ | ☐ | WW |
| N079111-017A | AmbientBlank-2-Q425 | 11/19/2025 11:35:00 AM | 12/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☑ | ☐ | ☐ | WW |
| N079111-018A | FOLDER | 12/5/2025 | 12/5/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/5/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/5/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

November 19, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078439

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on October 29, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078439

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for sample N078439-001 due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Manganese in QC samples N078438-001B-MS and N078438-001B-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *19-Nov-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078439
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078439-001A | PTI-1D-1025 | Groundwater | 10/28/2025 10:55:00 AM | 10/29/2025 | 11/19/2025 |
| N078439-001B | PTI-1D-1025 | Groundwater | 10/28/2025 10:55:00 AM | 10/29/2025 | 11/19/2025 |
| N078439-001C | PTI-1D-1025 | Groundwater | 10/28/2025 10:55:00 AM | 10/29/2025 | 11/19/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** PTI-1D-1025
**Lab Order:** N078439
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/28/2025 10:55:00 AM
**Lab ID:** N078439-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251111C** | QC Batch: **R210243** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/11/2025 09:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R210243** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178423** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R210243** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178424** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.954 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | |

| Sample ID: **N078439-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178426** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.276 | 0.19 | 1.0 | 5.000 | 0.4540 | 96.4 | 90 | 110 | | | | |

| Sample ID: **N078637-003AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178428** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.174 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | |

| Sample ID: **N078645-005ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178430** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.363 | 0.039 | 0.20 | | | | | | 3.404 | 1.22 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N078645-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178431** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.359 | 0.039 | 0.20 | 1.000 | 3.404 | 95.5 | 90 | 110 | | | | |

| Sample ID: **N078645-005AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **210243** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R210243** | TestNo: **EPA 218.6** | | Analysis Date: **11/11/2025** | SeqNo: **7178432** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.329 | 0.039 | 0.20 | 1.000 | 3.404 | 92.5 | 90 | 110 | 4.359 | 0.704 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** PTI-1D-1025
**Lab Order:** N078439
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/28/2025 10:55:00 AM
**Lab ID:** N078439-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251105B** | QC Batch: **124899** | | | PrepDate: | | **11/5/2025** | Analyst: **DJ** |
| Iron | 180 | 5.8 | 20 | | µg/L | 1 | 11/5/2025 02:38 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251107D** | QC Batch: **124973** | | | PrepDate: | | **11/6/2025** | Analyst: **DJ** |
| Iron | 200 | 5.8 | 20 | | µg/L | 1 | 11/7/2025 03:58 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-124899** | SampType: **MBLK** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **11/5/2025** | RunNo: **209916** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124899** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/5/2025** | SeqNo: **7156063** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS-124899** | SampType: **LCS** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **11/5/2025** | RunNo: **209916** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124899** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/5/2025** | SeqNo: **7156064** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 95.070 | 5.8 | 20 | 100.0 | 0 | 95.1 | 85 | 115 | | | | |

| Sample ID: **N078325-005DMS** | SampType: **MS** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **11/5/2025** | RunNo: **209916** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124899** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/5/2025** | SeqNo: **7156071** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 172.060 | 5.8 | 20 | 100.0 | 76.44 | 95.6 | 75 | 125 | | | | |

| Sample ID: **N078325-005DMSD** | SampType: **MSD** | TestCode: **6010_WDPGE** | Units: **µg/L** | Prep Date: **11/5/2025** | RunNo: **209916** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124899** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/5/2025** | SeqNo: **7156072** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 162.660 | 5.8 | 20 | 100.0 | 76.44 | 86.2 | 75 | 125 | 172.1 | 5.62 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

| Sample ID: **MB-124973** | SampType: **MBLK** | TestCode: **6010_WPGEP** | Units: **µg/L** | Prep Date: **11/6/2025** | RunNo: **210056** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124973** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/7/2025** | SeqNo: **7165847** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS1-124973** | SampType: **LCS** | TestCode: **6010_WPGEP** | Units: **µg/L** | Prep Date: **11/6/2025** | RunNo: **210056** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124973** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/7/2025** | SeqNo: **7165848** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.400 | 5.8 | 20 | 100.0 | 0 | 108 | 85 | 115 | | | | |

| Sample ID: **N078679-010E-MS1** | SampType: **MS** | TestCode: **6010_WPGEP** | Units: **µg/L** | Prep Date: **11/6/2025** | RunNo: **210182** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124973** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/10/2025** | SeqNo: **7176280** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 179.600 | 5.8 | 20 | 100.0 | 67.00 | 113 | 75 | 125 | | | | |

| Sample ID: **N078679-010E-MSD** | SampType: **MSD** | TestCode: **6010_WPGEP** | Units: **µg/L** | Prep Date: **11/6/2025** | RunNo: **210182** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124973** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/10/2025** | SeqNo: **7176281** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 176.420 | 5.8 | 20 | 100.0 | 67.00 | 109 | 75 | 125 | 179.6 | 1.79 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID: **N078325-005D-PS** SampType: **PS** TestCode: **6010_WDPGE** Units: **µg/L** Prep Date: RunNo: **209916**
Client ID: **ZZZZZZ** Batch ID: **124899** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **11/5/2025** SeqNo: **7156070**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 163.890 | 5.8 | 20 | 100.0 | 76.44 | 87.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

Sample ID: **N078679-010E-PS** SampType: **PS** TestCode: **6010_WPGEP** Units: **µg/L** Prep Date: RunNo: **210182**
Client ID: **ZZZZZZ** Batch ID: **124973** TestNo: **EPA 6010B EPA 3010A** Analysis Date: **11/10/2025** SeqNo: **7176279**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 176.590 | 5.8 | 20 | 100.0 | 67.00 | 110 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078439 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/5/2025 |
| Matrix: | Groundwater |
| Batch No.: | 124899 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments: Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078325-005D DT 5x | Iron | Fe | µg/L | 65.3 | NA | 76.44 | 14.57% | 10 |

11/19/2025

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078439 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/10/2025 |
| Matrix: | Groundwater |
| Batch No.: | 124973 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078679-010E DT 5x | Iron | Fe | µg/L | 88.15 | NA | 67 | 31.57% | 10 |

11/19/2025

Note: NA - Not Applicable

11/19/25 11:35

N078439_6010B_124973_DT

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** PTI-1D-1025
**Lab Order:** N078439
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/28/2025 10:55:00 AM
**Lab ID:** N078439-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251112I** | QC Batch: **124978** | | | PrepDate: | | **11/7/2025** | Analyst: **DJ** |
| Manganese | 690 | 0.46 | 5.0 | | µg/L | 10 | 11/13/2025 07:13 AM |
| **TOTAL METALS BY ICPMS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251101F** | QC Batch: **124746** | | | PrepDate: | | **10/30/2025** | Analyst: **DJ** |
| Manganese | 730 | 0.23 | 2.5 | | µg/L | 5 | 11/2/2025 12:24 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID: **MB-124978** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/7/2025** | RunNo: **210155** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124978** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/9/2025** | SeqNo: **7173429** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-124978** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/7/2025** | RunNo: **210155** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124978** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/9/2025** | SeqNo: **7173430** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 101.309 | 0.046 | 0.50 | 100.0 | 0 | 101 | 85 | 115 | | | | |

| Sample ID: **N078438-001B-MS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/7/2025** | RunNo: **210155** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124978** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/9/2025** | SeqNo: **7173442** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1739.951 | 4.6 | 50 | 100.0 | 1718 | 21.9 | 75 | 125 | | | | S |

| Sample ID: **N078438-001B-MSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **11/7/2025** | RunNo: **210155** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124978** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/9/2025** | SeqNo: **7173444** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1726.424 | 4.6 | 50 | 100.0 | 1718 | 8.40 | 75 | 125 | 1740 | 0.780 | 20 | S |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

| Sample ID: **MB-124746** | SampType: **MBLK** | TestCode: **6020_W_TPK** | Units: **µg/L** | Prep Date: **10/30/2025** | RunNo: **209769** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124746** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/2/2025** | SeqNo: **7147779** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-124746** | SampType: **LCS** | TestCode: **6020_W_TPK** | Units: **µg/L** | Prep Date: **10/30/2025** | RunNo: **209769** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124746** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/2/2025** | SeqNo: **7147780** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 104.068 | 0.046 | 0.50 | 100.0 | 0 | 104 | 85 | 115 | | | | |

| Sample ID: **N078440-001B-MS** | SampType: **MS** | TestCode: **6020_W_TPK** | Units: **µg/L** | Prep Date: **10/30/2025** | RunNo: **209769** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124746** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/2/2025** | SeqNo: **7147798** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 3248.294 | 1.2 | 12 | 2500 | 498.6 | 110 | 75 | 125 | | | | |

| Sample ID: **N078440-001B-MSD** | SampType: **MSD** | TestCode: **6020_W_TPK** | Units: **µg/L** | Prep Date: **10/30/2025** | RunNo: **209769** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124746** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **11/2/2025** | SeqNo: **7147799** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 3223.358 | 1.2 | 12 | 2500 | 498.6 | 109 | 75 | 125 | 3248 | 0.771 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N078438-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210155**
Client ID: **ZZZZZZ** Batch ID: **124978** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/9/2025** SeqNo: **7173438**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 13067.785 | 4.6 | 50 | 10000 | 1718 | 113 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078439
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

Sample ID: **N078440-001B-PS** SampType: **PS** TestCode: **6020_W_TPK** Units: **µg/L** Prep Date: RunNo: **209769**
Client ID: **ZZZZZZ** Batch ID: **124746** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/2/2025** SeqNo: **7147797**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 3203.185 | 1.2 | 12 | 2500 | 498.6 | 108 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078721 / N078439
Test Method: EPA 6020
Analysis Date: 11/9/2025

Matrix: Groundwater
Batch No.: 124978

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078438-001B DT 500x | Manganese | Mn | µg/L | 1624.148 | PASS | 1718.024 | 5.46% | 10 |

11/14/2025

Note: NA - Not Applicable

11/14/25 14:12

N078721_6020_124978_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078439 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/1/2025 |
| Matrix: | Groundwater |
| Batch No.: | 124746 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078440-001B DT 5x | Manganese | Mn | µg/L | 497.3954 | PASS | 498.5733 | 0.24% | 10 |

11/19/2025

Note: NA - Not Applicable

11/19/25 11:46

N078439_6020_124746_DT

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 11/13/202 12:00 AM
FOLDER R: 10/29/2025
N078439-002A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requ |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: | | Phone: +1 949 293-2445 Fax: | Others ✓ |
| Title: Environmental Tech 10-28-25 | Phone: 916-786-3302 Fax: | | Specify: RWQCB |
| Signature: Date: 10-28-25 | Sampled By: Cameron Stone | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 10-28-25 | | |
| Project Number: 30251660 | | | |

EDD Requ: RTNE; RWQCB ✓; CalTrans; LEVEL III; LEVEL IV; Regulatory; Specify State:

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | ✓ | |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 3.6°C

Courier: ASSET

Tracking No.:

Matrix: Ground X | Sediment; Potable | Soil; NPDES | Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrite, Nitrate, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Selenium, Molybdenum (500mL poly) | Total Organic Carbon (SM5310C); H2SO4 (3x40 mL VOA) | Total metals (SW6010) No filter; HNO3 Total Iron and manganese (500mL poly) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Nitrate, sulfate (EPA 300.0) (1 L poly) | Nitrate (EPA 300.0) (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078439-001 | PTI-1D-1025 | 10/28/2025 | 10:55 | | X | | X | | | | X | | | | E | 3 | P | BNS | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Cameron Stone 10/29/25 1600 — Date/Time:
Relinquished by (Signature and Printed Name): POMPEO ARCANTARA 10/29/25 1852 — Date/Time:
Relinquished by (Signature and Printed Name): — Date/Time:

Relinquished by (Signature and Printed Name): POMPEO ARCANTARA 10/29/25 1600 — Date/Time:
Relinquished by (Signature and Printed Name): POMPEO ARCANTARA 10/29/25 1852 — Date/Time:
Relinquished by (Signature and Printed Name): — Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Preservatives:**

| | | | | |
|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs =200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 10/29/2025 | Workorder: | N078439 |
| Rep sample Temp (Deg C): | 3.6 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | NA | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☑ | No ☐ | NA ☐ |
| Was Client notified? | Yes ☑ | No ☐ | NA ☐ |

Comments: See correspondence.

Checklist Completed By: VM Vaughn Mariano 10/30/2025

Reviewed By: MBC For: Ian Almario 11/01/2025

**Subject:** RE: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078439)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 10/30/2025, 10:46 AM
**To:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**CC:** Marlon Cartin <marlon@assetlaboratories.com>, "yoandra@assetlaboratories.com" <yoandra@assetlaboratories.com>, Ian Almario <ian.almario@assetlaboratoriesph.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>

Hi Vaughn,
The label ID is a typo, it should end with “1025”.

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**Sent:** Thursday, October 30, 2025 12:37 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** Marlon Cartin <marlon@assetlaboratories.com>; yoandra@assetlaboratories.com; Ian Almario <ian.almario@assetlaboratoriesph.com>; maryann.balilu@assetlaboratoriesph.com
**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078439)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Greetings and Good day to you!

We would like to confirm regarding Sample 1 ID on the attached COC.

COC: PTI-1D-1025

Labels: PTI-1D-0325

Thank you!

--
**Best Regards,**

**Vaughn Mariano**
Sample Control Officer

E-mail: vaughn@assetlaboratories.com

# ASSET Laboratories

## WORK ORDER Summary

*30-Oct-25*

**WorkOrder:** N078439

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/29/2025 6:52 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078439-001A | PTI-1D-1025 | 10/28/2025 10:55:00 AM | 11/13/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078439-001B | | | 11/13/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078439-001C | | | 11/13/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/13/2025 | | EPA 6020 | TOTAL METALS BY ICPMS | ☐ | ☐ | ☐ | WW |
| N078439-002A | FOLDER | 11/13/2025 | 11/13/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/13/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/13/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

November 05, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078176

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on October 20, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 300:

Dilution was necessary due to precipitation of sample upon addition of eluent.

Analytical Comments for EPA 6010B:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Iron in QC sample N078221-001C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Barium and Manganese in QC samples N078222-001BMS and N078222-001BMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *05-Nov-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078176
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078176-001A | TW-02D-1025 | Groundwater | 10/20/2025 11:38:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-001B | TW-02D-1025 | Groundwater | 10/20/2025 11:38:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-001C | TW-02D-1025 | Groundwater | 10/20/2025 11:38:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-001D | TW-02D-1025 | Groundwater | 10/20/2025 11:38:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-002A | TW-02S-1025 | Groundwater | 10/20/2025 11:06:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-002B | TW-02S-1025 | Groundwater | 10/20/2025 11:06:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-002C | TW-02S-1025 | Groundwater | 10/20/2025 11:06:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-002D | TW-02S-1025 | Groundwater | 10/20/2025 11:06:00 AM | 10/20/2025 | 11/4/2025 |
| N078176-003A | TW-03D-1025 | Groundwater | 10/20/2025 12:08:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-003B | TW-03D-1025 | Groundwater | 10/20/2025 12:08:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-003C | TW-03D-1025 | Groundwater | 10/20/2025 12:08:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-003D | TW-03D-1025 | Groundwater | 10/20/2025 12:08:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-004A | MW-31-060-1025 | Groundwater | 10/20/2025 1:49:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-004B | MW-31-060-1025 | Groundwater | 10/20/2025 1:49:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-004C | MW-31-060-1025 | Groundwater | 10/20/2025 1:49:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-004D | MW-31-060-1025 | Groundwater | 10/20/2025 1:49:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-005A | MW-31-135-1025 | Groundwater | 10/20/2025 12:52:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-005B | MW-31-135-1025 | Groundwater | 10/20/2025 12:52:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-005C | MW-31-135-1025 | Groundwater | 10/20/2025 12:52:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-005D | MW-31-135-1025 | Groundwater | 10/20/2025 12:52:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-006A | EB-701-Q425 | Groundwater | 10/20/2025 1:59:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-007A | MW-39-070-1025 | Groundwater | 10/20/2025 1:52:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-008A | MW-39-080-1025 | Groundwater | 10/20/2025 1:13:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-009A | MW-39-100-1025 | Groundwater | 10/20/2025 12:25:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-010A | MW-81-043-1025 | Groundwater | 10/20/2025 3:23:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-011A | MW-81-098-1025 | Groundwater | 10/20/2025 2:38:00 PM | 10/20/2025 | 11/4/2025 |
| N078176-012A | EB-702-Q425 | Groundwater | 10/20/2025 3:42:00 PM | 10/20/2025 | 11/4/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:38:00 AM |
| **Lab ID:** | N078176-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 02:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:06:00 AM |
| **Lab ID:** | N078176-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 2.1 | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 02:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:08:00 PM |
| **Lab ID:** | N078176-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 1.5 | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 02:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:49:00 PM |
| **Lab ID:** | N078176-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 02:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:52:00 PM |
| **Lab ID:** | N078176-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 10/21/2025 04:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-701-Q425 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:59:00 PM |
| **Lab ID:** | N078176-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 03:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:52:00 PM |
| **Lab ID:** | N078176-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 03:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:13:00 PM |
| **Lab ID:** | N078176-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 4.7 | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 03:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:25:00 PM |
| **Lab ID:** | N078176-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 110 | 0.39 | 2.0 | | µg/L | 10 | 10/21/2025 07:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-81-043-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 3:23:00 PM |
| **Lab ID:** | N078176-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 2.5 | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 04:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-81-098-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 2:38:00 PM |
| **Lab ID:** | N078176-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 04:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-702-Q425 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 3:42:00 PM |
| **Lab ID:** | N078176-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251021A** | QC Batch: **R209209** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/21/2025 04:24 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | LCS-R209209 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114348 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.809 | 0.039 | 0.20 | 5.000 | 0 | 96.2 | 90 | 110 | | | | | |

| Sample ID | MB-R209209 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114349 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | N078154-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114354 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.319 | 0.039 | 0.20 | 1.000 | 0.4038 | 91.5 | 90 | 110 | | | | | |

| Sample ID | N078154-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114355 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N078154-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114356 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.057 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | 1.032 | 2.33 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078154-003ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114357**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

Sample ID **N078154-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114361**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.289 | 0.19 | 1.0 | 5.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID **N078176-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114378**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.049 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

Sample ID **N078176-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114379**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.016 | 0.039 | 0.20 | 1.000 | 2.071 | 94.5 | 90 | 110 | | | | |

Sample ID **N078176-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114381**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.963 | 0.039 | 0.20 | 1.000 | 0 | 96.3 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078176-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114385**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 16.036 | 0.19 | 1.0 | 5.000 | 10.90 | 103 | 90 | 110 | | | | |

Sample ID **N078176-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114386**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.078 | 0.039 | 0.20 | 1.000 | 0.08260 | 99.6 | 90 | 110 | | | | |

Sample ID **N078176-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114387**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.021 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N078176-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114388**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 9.577 | 0.039 | 0.20 | 5.000 | 4.662 | 98.3 | 90 | 110 | | | | |

Sample ID **N078176-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209209**
Client ID: **ZZZZZZ** Batch ID: **R209209** TestNo: **EPA 218.6** Analysis Date: **10/21/2025** SeqNo: **7114391**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.517 | 0.039 | 0.20 | 1.000 | 2.466 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078176-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114392 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.259 | 0.039 | 0.20 | 1.000 | 0.1929 | 107 | 90 | 110 | | | | | | |

| Sample ID | N078176-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114393 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.072 | 0.039 | 0.20 | 1.000 | 0.09250 | 98.0 | 90 | 110 | | | | | | |

| Sample ID | N078176-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114397 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 158.984 | 0.39 | 2.0 | 50.00 | 110.5 | 97.0 | 90 | 110 | | | | | | |

| Sample ID | N078176-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114398 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2.468 | 0.039 | 0.20 | 1.000 | 1.513 | 95.5 | 90 | 110 | | | | | | |

| Sample ID | N078174-001ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209209 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114403 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.988 | 0.039 | 0.20 | | | | | | 1.995 | 0.362 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078174-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209209 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | SeqNo: | 7114404 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.992 | 0.039 | 0.20 | 1.000 | 1.995 | 99.7 | 90 | 110 | | | | |

| Sample ID | N078174-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209209 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209209 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/21/2025 | SeqNo: | 7114405 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.961 | 0.039 | 0.20 | 1.000 | 1.995 | 96.6 | 90 | 110 | 2.992 | 1.04 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:38:00 AM |
| **Lab ID:** | N078176-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251021C** | QC Batch: **R209198** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 10/21/2025 07:40 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251021A** | QC Batch: **R209174** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 10/21/2025 12:05 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:06:00 AM |
| **Lab ID:** | N078176-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251021C** | QC Batch: **R209198** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 340 | 17 | 25 | | mg/L | 50 | 10/21/2025 09:19 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251021A** | QC Batch: **R209174** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 10/21/2025 12:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:08:00 PM |
| **Lab ID:** | N078176-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251021C** | QC Batch: **R209198** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 10/21/2025 09:35 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251021A** | QC Batch: **R209174** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 10/21/2025 12:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:49:00 PM |
| **Lab ID:** | N078176-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251021C** | QC Batch: **R209198** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 390 | 17 | 25 | | mg/L | 50 | 10/21/2025 09:51 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251021A** | QC Batch: **R209174** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.12 | 0.25 | | mg/L | 5 | 10/21/2025 12:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:52:00 PM |
| **Lab ID:** | N078176-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251021C** | QC Batch: **R209198** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 390 | 17 | 25 | | mg/L | 50 | 10/21/2025 10:08 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251021A** | QC Batch: **R209174** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.024 | 0.050 | | mg/L | 1 | 10/21/2025 01:10 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R209198_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209198 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209198 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114035 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R209198_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209198 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209198 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114036 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 4.039 | 0.34 | 0.50 | 4.000 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N078176-001BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209198 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209198 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114044 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 308.835 | 17 | 25 | | | | | | 306.4 | 0.783 | 20 | | |

| Sample ID | N078176-001BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209198 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209198 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114045 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 505.445 | 17 | 25 | 200.0 | 306.4 | 99.5 | 80 | 120 | | | | | |

| Sample ID | N078176-001BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209198 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209198 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7114046 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 512.875 | 17 | 25 | 200.0 | 306.4 | 103 | 80 | 120 | 505.4 | 1.46 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R209174_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209174 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209174 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7113108 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R209174_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209174 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209174 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7113109 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.335 | 0.024 | 0.050 | 1.250 | 0 | 107 | 90 | 110 | | | | | |

| Sample ID | N078174-001BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209174 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209174 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7113123 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 0.469 | 0.024 | 0.050 | | | | | | 0.4820 | 2.71 | 20 | | |

| Sample ID | N078174-001BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209174 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209174 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7113126 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.735 | 0.024 | 0.050 | 1.250 | 0.4820 | 100 | 80 | 120 | | | | | |

| Sample ID | N078174-001BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209174 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209174 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/21/2025 | | SeqNo: | 7113127 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.757 | 0.024 | 0.050 | 1.250 | 0.4820 | 102 | 80 | 120 | 1.735 | 1.24 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:38:00 AM |
| **Lab ID:** | N078176-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251021A** | QC Batch: **124492** | | | PrepDate: | **10/21/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/21/2025 09:44 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:06:00 AM |
| **Lab ID:** | N078176-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251021A** | QC Batch: **124492** | | | PrepDate: | **10/21/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/21/2025 10:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:08:00 PM |
| **Lab ID:** | N078176-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251021A** | QC Batch: **124492** | | | PrepDate: | **10/21/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/21/2025 10:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:49:00 PM |
| **Lab ID:** | N078176-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251021A** | QC Batch: **124492** | | | PrepDate: | **10/21/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 12 | 0.090 | 1.0 | | mg/L | 1 | 10/21/2025 10:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:52:00 PM |
| **Lab ID:** | N078176-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251021A** | QC Batch: **124492** | | | PrepDate: | **10/21/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/21/2025 10:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-124492** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/21/2025** | RunNo: **209231** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124492** | TestNo: **SM 5310B** | | Analysis Date: **10/21/2025** | SeqNo: **7114965** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.902 | 0.090 | 1.0 | 5.000 | 0 | 98.0 | 85 | 115 | | | | |

| Sample ID **MB-124492** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/21/2025** | RunNo: **209231** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124492** | TestNo: **SM 5310B** | | Analysis Date: **10/21/2025** | SeqNo: **7114967** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078176-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/21/2025** | RunNo: **209231** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124492** | TestNo: **SM 5310B** | | Analysis Date: **10/21/2025** | SeqNo: **7114969** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.724 | 0.090 | 1.0 | 5.000 | 0.4211 | 106 | 75 | 125 | | | | |

| Sample ID **N078176-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/21/2025** | RunNo: **209231** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124492** | TestNo: **SM 5310B** | | Analysis Date: **10/21/2025** | SeqNo: **7114970** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.619 | 0.090 | 1.0 | 5.000 | 0.4211 | 104 | 75 | 125 | 5.724 | 1.85 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:38:00 AM |
| **Lab ID:** | N078176-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:06:00 AM |
| **Lab ID:** | N078176-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:08:00 PM |
| **Lab ID:** | N078176-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Iron | 25 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:49:00 PM |
| **Lab ID:** | N078176-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | | PrepDate: **10/22/2025** | | Analyst: **DJ** |
| Iron | 110 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:52:00 PM |
| **Lab ID:** | N078176-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-124506 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116053 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-124506 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116054 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 110.510 | 5.8 | 20 | 100.0 | 0 | 111 | 85 | 115 | | | | |

| Sample ID | N078221-001C-MS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116065 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2576.150 | 5.8 | 20 | 100.0 | 2501 | 75.3 | 75 | 125 | | | | |

| Sample ID | N078221-001C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116066 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2822.920 | 5.8 | 20 | 100.0 | 2501 | 322 | 75 | 125 | 2576 | 9.14 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N078221-001C-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | | RunNo: | **209255** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **124506** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **10/22/2025** | SeqNo: | **7116062** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2589.040 | 5.8 | 20 | 100.0 | 2501 | 88.2 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078176 |
| Test Method: | EPA 6010B |
| Analysis Date: | 10/22/2025 |
| Matrix: | Groundwater |
| Batch No.: | 124506 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Fe failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078221-001C DT 5x | Iron | Fe | µg/L | 3461.65 | FAIL | 2500.86 | 38.42% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 11:38:00 AM |
| **Lab ID:** | N078176-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 2.6 | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 04:54 AM |
| Barium | 18 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 04:54 AM |
| Manganese | 83 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 04:54 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TW-02S-1025
**Lab Order:** N078176
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/20/2025 11:06:00 AM
**Lab ID:** N078176-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:00 AM |
| Barium | 120 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:00 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 05:00 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:08:00 PM |
| **Lab ID:** | N078176-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:06 AM |
| Barium | 26 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:06 AM |
| Manganese | 55 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 05:06 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 1:49:00 PM |
| **Lab ID:** | N078176-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:12 AM |
| Barium | 240 | 0.50 | 10 | | µg/L | 10 | 10/24/2025 05:18 AM |
| Manganese | 470 | 0.46 | 5.0 | | µg/L | 10 | 10/24/2025 05:18 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1025 |
| **Lab Order:** | N078176 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/20/2025 12:52:00 PM |
| **Lab ID:** | N078176-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:23 AM |
| Barium | 34 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:23 AM |
| Manganese | 12 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 05:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-124514** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **PBW** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122592**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

Sample ID **LCS-124514** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **LCSW** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122593**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.415 | 0.067 | 0.10 | 10.00 | 0 | 104 | 85 | 115 | | | | |
| Barium | 11.042 | 0.050 | 1.0 | 10.00 | 0 | 110 | 85 | 115 | | | | |
| Manganese | 111.329 | 0.046 | 0.50 | 100.0 | 0 | 111 | 85 | 115 | | | | |

Sample ID **N078222-001BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122629**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.611 | 0.067 | 0.10 | 10.00 | 0 | 96.1 | 75 | 125 | | | | |

Sample ID **N078222-001BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122630**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.590 | 0.067 | 0.10 | 10.00 | 0 | 95.9 | 75 | 125 | 9.611 | 0.222 | 20 | |

Sample ID **N078222-001BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128324**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078222-001BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128324 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 189.634 | 5.0 | 100 | 10.00 | 206.2 | -166 | 75 | 125 | | | | S |
| Manganese | 1267.363 | 4.6 | 50 | 100.0 | 1242 | 25.1 | 75 | 125 | | | | S |

| Sample ID | N078222-001BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128325 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 195.192 | 5.0 | 100 | 10.00 | 206.2 | -110 | 75 | 125 | 189.6 | 2.89 | 20 | S |
| Manganese | 1242.070 | 4.6 | 50 | 100.0 | 1242 | -0.225 | 75 | 125 | 1267 | 2.02 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078176
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078222-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 209359 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/24/2025 | SeqNo: | 7122628 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.132 | 0.067 | 0.10 | 10.00 | 0 | 101 | 80 | 120 | | | | |

| Sample ID | N078222-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128323 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 1185.338 | 5.0 | 100 | 1000 | 206.2 | 97.9 | 80 | 120 | | | | |
| Manganese | 12298.037 | 4.6 | 50 | 10000 | 1242 | 111 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

## ASSET Laboratories

### ICP-MS-Metals in Water

### Dilution Test Summary

Work Order No.: N078176
Test Method: EPA 6020
Analysis Date: 10/23,26/2025

Matrix: Groundwater
Batch No.: 124514

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba failed. However, PS passed criteria.
Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078222-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078222-001B DT 500x | Barium | Ba | µg/L | 246.101 | FAIL | 206.1944 | 19.35% | 10 |
| N078222-001B DT 500x | Manganese | Mn | µg/L | 1231.965 | PASS | 1242.295 | 0.83% | 10 |

Note: NA - Not Applicable

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

ARCUS02 C: 10/23/202 12:00 AM
FOLDER R: 10/20/2025
N078176-013A 1 of 1

Page 1 of 1

| | | |
|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# |
| Submitted By: Riggie Tap | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: |
| Title: Field Tech | | |
| Signature: Date: 10-20-25 | Sampled By: Riggie Tap | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | |
| Project Name: PG&E Topock - PCM | Signature: Date: 10-20-25 | |
| Project Number: 30251660 | | |

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| E | | RTNE | |
|---|---|---|---|
| Excel EDD | | RWQCB | ✓ |
| Geotracker | | CalTrans | |
| Labspec | | LEVEL III | |
| Others | ✓ | LEVEL IV | |
| Specify: RWQCB | | Regulatory | |
| Global ID: | | Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | 4 | |
| 6. Method of Cooling: IP | | |
| Sample Temp: 2.3°C | | |
| Courier: Asset | | |
| Tracking No.: | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | (1 L poly) | (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078176-001 | TW-02D-1025 | 10/20/2025 | 11:38 | | X | X | X | | | X | | | | | | E | 4 | P | BNS |
| 2 | -002 | TW-02S-1025 | 10/20/2025 | 11:06 | | X | X | X | | | X | | | | | | E | 4 | P | BNS |
| 3 | -003 | TW-03D-1025 | 10/20/2025 | 12:08 | | X | X | X | | | X | | | | | | E | 4 | P | BNS |
| 4 | -004 | MW-31-060-1025 | 10/20/2025 | 13:49 | | X | X | X | | | X | | | | | | E | 4 | P | BNS |
| 5 | -005 | MW-31-135-1025 | 10/20/2025 | 12:52 | | X | X | X | | | X | | | | | | E | 4 | P | BNS |
| 6 | -006 | EB-701-Q425 | 10/20/2025 | 13:59 | | X | | | | | | | | | | | E | 4 | P | BNS |
| 7 | -007 | MW-39-070-1025 | 10/20/2025 | 13:52 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 8 | -008 | MW-39-080-1025 | 10/20/2025 | 13:13 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 9 | -009 | MW-39-100-1025 | 10/20/2025 | 12:25 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 10 | -010 | MW-81-043-1025 | 10/20/2025 | 15:23 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 11 | -011 | MW-81-098-1025 | 10/20/2025 | 14:38 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 12 | -012 | EB-702-Q425 | 10/20/2025 | 15:42 | | X | | | | | | | | | | | E | 1 | P | BNS |
| 13 | | | | | | | | | | | | | | | | | E | 1 | P | BNS |
| 14 | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Riggie Tap Date/Time: 10-20-25 1620
Received by (Signature and Printed Name): Ernesto Hernandez Date/Time: 10-20-25 16:20
Relinquished by (Signature and Printed Name): Ernesto Hernandez Date/Time: 10-20-25 1855
Received by (Signature and Printed Name): Ernesto Hernandez Date/Time: 10-20-25 1855
Relinquished by (Signature and Printed Name): Date/Time:
Received by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [X] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 10/20/2025 | Workorder: | N078176 |
| Rep sample Temp (Deg C): | 2.3 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed B VM Vaughn Mariano 10/21/2025

Reviewed By: MBC For: Ian Almario 10/25/2025

**Subject:** RE: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078176)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 10/22/2025, 3:23 PM
**To:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**CC:** "vaughn@assetlaboratories.com" <vaughn@assetlaboratories.com>, 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>

Hi,
Should be standard TAT for all samples, apologies for the mistake.

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**Sent:** Wednesday, October 22, 2025 5:21 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** vaughn@assetlaboratories.com; 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>
**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078176)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Please confirm TAT for the samples on the attached COC. Both C and E are marked.

--
**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078176

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/20/2025 6:55 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078176-001A | TW-02D-1025 | 10/20/2025 11:38:00 AM | 11/4/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-001B | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078176-001C | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078176-001D | | | 11/4/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078176-002A | TW-02S-1025 | 10/20/2025 11:06:00 AM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-002B | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078176-002C | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078176-002D | | | 11/4/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078176-003A | TW-03D-1025 | 10/20/2025 12:08:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-003B | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078176-003C | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078176

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/20/2025 6:55 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078176-003C | TW-03D-1025 | 10/20/2025 12:08:00 PM | 11/4/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078176-003D | | | 11/4/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078176-004A | MW-31-060-1025 | 10/20/2025 1:49:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-004B | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078176-004C | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078176-004D | | | 11/4/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078176-005A | MW-31-135-1025 | 10/20/2025 12:52:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-005B | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078176-005C | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/4/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078176-005D | | | 11/4/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078176

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/20/2025 6:55 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078176-005D | MW-31-135-1025 | 10/20/2025 12:52:00 PM | 11/4/2025 | Groundwater | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078176-006A | EB-701-Q425 | 10/20/2025 1:59:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-007A | MW-39-070-1025 | 10/20/2025 1:52:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-008A | MW-39-080-1025 | 10/20/2025 1:13:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-009A | MW-39-100-1025 | 10/20/2025 12:25:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-010A | MW-81-043-1025 | 10/20/2025 3:23:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-011A | MW-81-098-1025 | 10/20/2025 2:38:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-012A | EB-702-Q425 | 10/20/2025 3:42:00 PM | 11/4/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078176-013A | FOLDER | 11/4/2025 | 11/4/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/4/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/4/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

November 08, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078259

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

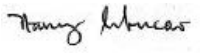
Enclosed are the results for sample(s) received on October 22, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078259

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6020_Dissolved:

As was reported at 0.873ug/L with the lowest RSD of 22.09% for N078259-009; 0.624ug/L with the lowest RSD of 22.33% for N078259-010 and 0.551ug/L with the lowest RSD of 35.02% for N078259-011. The results are comparable on all runs. Please see Corrective Action Report 9230.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N078259-008C-MS and N078259-008C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *08-Nov-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078259
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078259-001A | MW-34-100-1025 | Groundwater | 10/22/2025 11:22:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-002A | MW-901-Q425 | Groundwater | 10/22/2025 11:32:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-003A | MW-44-115-1025 | Groundwater | 10/22/2025 10:20:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-004A | MW-44-125-1025 | Groundwater | 10/22/2025 10:43:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-005A | MW-46-175-1025 | Groundwater | 10/22/2025 9:25:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-006A | MW-43-025-1025 | Groundwater | 10/22/2025 8:51:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-007A | EB-705-Q425 | Groundwater | 10/22/2025 11:42:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-008A | MW-79-058-1025 | Groundwater | 10/22/2025 9:32:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-008B | MW-79-058-1025 | Groundwater | 10/22/2025 9:32:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-008C | MW-79-058-1025 | Groundwater | 10/22/2025 9:32:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-008D | MW-79-058-1025 | Groundwater | 10/22/2025 9:32:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-009A | MW-79-102-1025 | Groundwater | 10/22/2025 9:07:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-009B | MW-79-102-1025 | Groundwater | 10/22/2025 9:07:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-009C | MW-79-102-1025 | Groundwater | 10/22/2025 9:07:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-009D | MW-79-102-1025 | Groundwater | 10/22/2025 9:07:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-010A | MW-80-057-1025 | Groundwater | 10/22/2025 11:53:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-010B | MW-80-057-1025 | Groundwater | 10/22/2025 11:53:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-010C | MW-80-057-1025 | Groundwater | 10/22/2025 11:53:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-010D | MW-80-057-1025 | Groundwater | 10/22/2025 11:53:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-011A | MW-80-082-1025 | Groundwater | 10/22/2025 11:18:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-011B | MW-80-082-1025 | Groundwater | 10/22/2025 11:18:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-011C | MW-80-082-1025 | Groundwater | 10/22/2025 11:18:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-011D | MW-80-082-1025 | Groundwater | 10/22/2025 11:18:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-012A | MW-903-Q425 | Groundwater | 10/22/2025 11:28:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-012B | MW-903-Q425 | Groundwater | 10/22/2025 11:28:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-012C | MW-903-Q425 | Groundwater | 10/22/2025 11:28:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-012D | MW-903-Q425 | Groundwater | 10/22/2025 11:28:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-013A | MW-26-1025 | Groundwater | 10/22/2025 10:23:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-013B | MW-26-1025 | Groundwater | 10/22/2025 10:23:00 AM | 10/22/2025 | 11/8/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078259
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078259-013C | MW-26-1025 | Groundwater | 10/22/2025 10:23:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-013D | MW-26-1025 | Groundwater | 10/22/2025 10:23:00 AM | 10/22/2025 | 11/8/2025 |
| N078259-014A | EB-706-Q425 | Groundwater | 10/22/2025 2:00:00 PM | 10/22/2025 | 11/8/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-34-100-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:22:00 AM |
| **Lab ID:** | N078259-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 1.9 | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 08:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-901-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:32:00 AM |
| **Lab ID:** | N078259-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 1.8 | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 08:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:20:00 AM |
| **Lab ID:** | N078259-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 19 | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 08:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:43:00 AM |
| **Lab ID:** | N078259-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 07:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-175-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:25:00 AM |
| **Lab ID:** | N078259-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 12 | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 09:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-705-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:42:00 AM |
| **Lab ID:** | N078259-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 04:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:32:00 AM |
| **Lab ID:** | N078259-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 04:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:07:00 AM |
| **Lab ID:** | N078259-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 10/29/2025 09:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:53:00 AM |
| **Lab ID:** | N078259-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 05:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:18:00 AM |
| **Lab ID:** | N078259-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 05:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-903-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:28:00 AM |
| **Lab ID:** | N078259-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 06:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:23:00 AM |
| **Lab ID:** | N078259-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 06:48 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-706-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 2:00:00 PM |
| **Lab ID:** | N078259-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251029A** | QC Batch: **R209618** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/29/2025 07:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **MB-R209618** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138712** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID: **LCS-R209618** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138713** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.009 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | |

| Sample ID: **N078260-001CMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138723** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 19.703 | 0.39 | 2.0 | 10.00 | 9.752 | 99.5 | 90 | 110 | | | | |

| Sample ID: **N078260-002CDUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138725** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.382 | 0.077 | 0.40 | | | | | | 0.3998 | 0 | 20 | |

| Sample ID: **N078260-002CMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138726** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.361 | 0.077 | 0.40 | 2.000 | 0.3998 | 98.1 | 90 | 110 | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078260-002CMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138727**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.288 | 0.077 | 0.40 | 2.000 | 0.3998 | 94.4 | 90 | 110 | 2.361 | 3.16 | 20 | |

Sample ID: **N078320-001FMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138728**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 12.679 | 0.19 | 1.0 | 5.000 | 7.936 | 94.8 | 90 | 110 | | | | |

Sample ID: **N078307-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138730**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 2.979 | 0.039 | 0.20 | 1.000 | 1.975 | 100 | 90 | 110 | | | | |

Sample ID: **N078307-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138732**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.063 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

Sample ID: **N078259-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138750**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.064 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078259-008AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138752**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.909 | 0.039 | 0.20 | 1.000 | 0 | 90.8 | 90 | 110 | | | | |

Sample ID: **N078259-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138756**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.955 | 0.039 | 0.20 | 1.000 | 0 | 95.5 | 90 | 110 | | | | |

Sample ID: **N078259-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138760**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.095 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID: **N078259-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138762**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.985 | 0.039 | 0.20 | 1.000 | 0 | 98.5 | 90 | 110 | | | | |

Sample ID: **N078259-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138764**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.077 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID: **N078259-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138766**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.088 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | |

Sample ID: **N078259-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138768**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.451 | 0.19 | 1.0 | 5.000 | 0.8805 | 91.4 | 90 | 110 | | | | |

Sample ID: **N078259-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138772**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.549 | 0.19 | 1.0 | 5.000 | 1.750 | 96.0 | 90 | 110 | | | | |

Sample ID: **N078259-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138774**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 23.695 | 0.19 | 1.0 | 5.000 | 19.03 | 93.3 | 90 | 110 | | | | |

Sample ID: **N078259-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **209618**
Client ID: **ZZZZZZ** Batch ID: **R209618** TestNo: **EPA 218.6** Analysis Date: **10/29/2025** SeqNo: **7138776**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.582 | 0.19 | 1.0 | 5.000 | 1.894 | 93.8 | 90 | 110 | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID: **N078259-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138778** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 17.347 | 0.19 | 1.0 | 5.000 | 12.41 | 98.7 | 90 | 110 | | | | |

| Sample ID: **N078259-009AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138780** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.233 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

| Sample ID: **N078259-004ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138783** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.005 | 0.19 | 1.0 | | | | | | 0.8805 | 13.2 | 20 | |

| Sample ID: **N078259-004AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **209618** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209618** | TestNo: **EPA 218.6** | | Analysis Date: **10/29/2025** | SeqNo: **7138784** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.625 | 0.19 | 1.0 | 5.000 | 0.8805 | 94.9 | 90 | 110 | 5.451 | 3.14 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:32:00 AM |
| **Lab ID:** | N078259-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 280 | 17 | 25 | | mg/L | 50 | 10/25/2025 01:15 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** | QC Batch: **R209290** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 01:19 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:07:00 AM |
| **Lab ID:** | N078259-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** QC Batch: **R209391** | | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 83 | 17 | 25 | | mg/L | 50 | 10/25/2025 01:31 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** QC Batch: **R209290** | | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 01:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:53:00 AM |
| **Lab ID:** | N078259-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 10/25/2025 02:20 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** | QC Batch: **R209290** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 02:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:18:00 AM |
| **Lab ID:** | N078259-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 260 | 17 | 25 | | mg/L | 50 | 10/25/2025 03:09 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** | QC Batch: **R209290** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 02:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-903-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:28:00 AM |
| **Lab ID:** | N078259-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 260 | 17 | 25 | | mg/L | 50 | 10/25/2025 03:26 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** | QC Batch: **R209290** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 02:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:23:00 AM |
| **Lab ID:** | N078259-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 260 | 17 | 25 | | mg/L | 50 | 10/25/2025 03:42 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251023B** | QC Batch: **R209290** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.53 | 0.24 | 0.50 | | mg/L | 10 | 10/23/2025 03:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID: **MB-R209391_SO4** | SampType: **MBLK** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **209391** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R209391** | TestNo: **EPA 300.0** | | Analysis Date: **10/24/2025** | | | | SeqNo: **7124345** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID: **LCS-R209391_SO4** | SampType: **LCS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **209391** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R209391** | TestNo: **EPA 300.0** | | Analysis Date: **10/24/2025** | | | | SeqNo: **7124346** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 3.838 | 0.34 | 0.50 | 4.000 | 0 | 96.0 | 90 | 110 | | | | |

| Sample ID: **N078221-005BDUP** | SampType: **DUP** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **209391** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209391** | TestNo: **EPA 300.0** | | Analysis Date: **10/24/2025** | | | | SeqNo: **7124351** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 230.650 | 17 | 25 | | | | | | 230.9 | 0.108 | 20 | |

| Sample ID: **N078221-005BMS** | SampType: **MS** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **209391** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209391** | TestNo: **EPA 300.0** | | Analysis Date: **10/24/2025** | | | | SeqNo: **7124352** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 419.045 | 17 | 25 | 200.0 | 230.9 | 94.1 | 80 | 120 | | | | |

| Sample ID: **N078221-005BMSD** | SampType: **MSD** | TestCode: **300_W_SO4P** | Units: **mg/L** | Prep Date: | | | | RunNo: **209391** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R209391** | TestNo: **EPA 300.0** | | Analysis Date: **10/24/2025** | | | | SeqNo: **7124353** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Sulfate | 422.875 | 17 | 25 | 200.0 | 230.9 | 96.0 | 80 | 120 | 419.0 | 0.910 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

Sample ID: **N078259-010BMS** SampType: **MS** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **209391**
Client ID: **ZZZZZZ** Batch ID: **R209391** TestNo: **EPA 300.0** Analysis Date: **10/25/2025** SeqNo: **7124370**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 474.110 | 17 | 25 | 200.0 | 287.2 | 93.5 | 80 | 120 | | | | |

Sample ID: **N078259-010BMSD** SampType: **MSD** TestCode: **300_W_SO4P** Units: **mg/L** Prep Date: RunNo: **209391**
Client ID: **ZZZZZZ** Batch ID: **R209391** TestNo: **EPA 300.0** Analysis Date: **10/25/2025** SeqNo: **7124371**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 483.135 | 17 | 25 | 200.0 | 287.2 | 98.0 | 80 | 120 | 474.1 | 1.89 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

Sample ID: **MB-R209290_NO3** SampType: **MBLK** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **209290**
Client ID: **PBW** Batch ID: **R209290** TestNo: **EPA 300.0** Analysis Date: **10/23/2025** SeqNo: **7117605**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

Sample ID: **LCS-R209290_NO3** SampType: **LCS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **209290**
Client ID: **LCSW** Batch ID: **R209290** TestNo: **EPA 300.0** Analysis Date: **10/23/2025** SeqNo: **7117606**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.275 | 0.024 | 0.050 | 1.250 | 0 | 102 | 90 | 110 | | | | |

Sample ID: **N078257-001BDUP** SampType: **DUP** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **209290**
Client ID: **ZZZZZZ** Batch ID: **R209290** TestNo: **EPA 300.0** Analysis Date: **10/23/2025** SeqNo: **7117608**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 26.895 | 1.2 | 2.5 | | | | | | 27.10 | 0.741 | 20 | |

Sample ID: **N078257-001BMS** SampType: **MS** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **209290**
Client ID: **ZZZZZZ** Batch ID: **R209290** TestNo: **EPA 300.0** Analysis Date: **10/23/2025** SeqNo: **7117609**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 77.985 | 1.2 | 2.5 | 62.50 | 27.10 | 81.4 | 80 | 120 | | | | |

Sample ID: **N078257-001BMSD** SampType: **MSD** TestCode: **300WLLNO3** Units: **mg/L** Prep Date: RunNo: **209290**
Client ID: **ZZZZZZ** Batch ID: **R209290** TestNo: **EPA 300.0** Analysis Date: **10/23/2025** SeqNo: **7117610**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 86.630 | 1.2 | 2.5 | 62.50 | 27.10 | 95.3 | 80 | 120 | 77.98 | 10.5 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:32:00 AM |
| **Lab ID:** | N078259-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251023A** | QC Batch: **124580** | | | PrepDate: | **10/23/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.8 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 09:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:07:00 AM |
| **Lab ID:** | N078259-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251028A** QC Batch: **124704** | | | | PrepDate: **10/28/2025** | | | Analyst: **CA** |
| Organic Carbon, Total | 91 | 0.90 | 10 | | mg/L | 10 | 10/28/2025 07:03 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:53:00 AM |
| **Lab ID:** | N078259-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251023A** | QC Batch: **124580** | | | PrepDate: | **10/23/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.1 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 10:24 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:18:00 AM |
| **Lab ID:** | N078259-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251023A** | QC Batch: **124580** | | | PrepDate: | **10/23/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.0 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 10:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-903-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:28:00 AM |
| **Lab ID:** | N078259-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251023A** | QC Batch: **124580** | | | PrepDate: | **10/23/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 2.5 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 10:47 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:23:00 AM |
| **Lab ID:** | N078259-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251023A** | QC Batch: **124580** | | | PrepDate: | **10/23/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 10:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID: **LCS-124580** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/23/2025** | RunNo: **209351** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124580** | TestNo: **SM 5310B** | | Analysis Date: **10/23/2025** | SeqNo: **7121801** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.950 | 0.090 | 1.0 | 5.000 | 0 | 99.0 | 85 | 115 | | | | |

| Sample ID: **MB-124580** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/23/2025** | RunNo: **209351** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124580** | TestNo: **SM 5310B** | | Analysis Date: **10/23/2025** | SeqNo: **7121802** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID: **N078259-008D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/23/2025** | RunNo: **209351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124580** | TestNo: **SM 5310B** | | Analysis Date: **10/23/2025** | SeqNo: **7121804** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.962 | 0.090 | 1.0 | 5.000 | 1.817 | 103 | 75 | 125 | | | | |

| Sample ID: **N078259-008D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/23/2025** | RunNo: **209351** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124580** | TestNo: **SM 5310B** | | Analysis Date: **10/23/2025** | SeqNo: **7121805** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.721 | 0.090 | 1.0 | 5.000 | 1.817 | 98.1 | 75 | 125 | 6.962 | 3.52 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID: **LCS-124704** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/28/2025** | RunNo: **209578** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124704** | TestNo: **SM 5310B** | | Analysis Date: **10/28/2025** | SeqNo: **7135001** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.927 | 0.090 | 1.0 | 5.000 | 0 | 98.5 | 85 | 115 | | | | |

| Sample ID: **MB-124704** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/28/2025** | RunNo: **209578** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124704** | TestNo: **SM 5310B** | | Analysis Date: **10/28/2025** | SeqNo: **7135002** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID: **N078259-009D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/28/2025** | RunNo: **209578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124704** | TestNo: **SM 5310B** | | Analysis Date: **10/28/2025** | SeqNo: **7135004** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 138.600 | 0.90 | 10 | 50.00 | 90.79 | 95.6 | 75 | 125 | | | | |

| Sample ID: **N078259-009D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/28/2025** | RunNo: **209578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124704** | TestNo: **SM 5310B** | | Analysis Date: **10/28/2025** | SeqNo: **7135005** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 139.600 | 0.90 | 10 | 50.00 | 90.79 | 97.6 | 75 | 125 | 138.6 | 0.719 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-43-025-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 8:51:00 AM |
| **Lab ID:** | N078259-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 6500 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:32:00 AM |
| **Lab ID:** | N078259-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 180 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:07:00 AM |
| **Lab ID:** | N078259-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 2300 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:32 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:53:00 AM |
| **Lab ID:** | N078259-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 52 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:18:00 AM |
| **Lab ID:** | N078259-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 170 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-903-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:28:00 AM |
| **Lab ID:** | N078259-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | PrepDate: | **10/23/2025** | | Analyst: **DJ** |
| Iron | 200 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:23:00 AM |
| **Lab ID:** | N078259-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251023C** | QC Batch: **124546** | | | | PrepDate: | **10/23/2025** | Analyst: **DJ** |
| Iron | 150 | 5.8 | 20 | | µg/L | 1 | 10/23/2025 06:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID: **MB-124546** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **10/23/2025** | RunNo: **209302** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124546** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **10/23/2025** | SeqNo: **7118376** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID: **LCS-124546** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **10/23/2025** | RunNo: **209302** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124546** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **10/23/2025** | SeqNo: **7118377** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 96.650 | 5.8 | 20 | 100.0 | 0 | 96.6 | 85 | 115 | | | | |

| Sample ID: **N078225-003E-MS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **10/23/2025** | RunNo: **209302** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124546** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **10/23/2025** | SeqNo: **7118382** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.640 | 5.8 | 20 | 100.0 | 0 | 109 | 75 | 125 | | | | |

| Sample ID: **N078225-003E-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **10/23/2025** | RunNo: **209302** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124546** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **10/23/2025** | SeqNo: **7118383** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 105.870 | 5.8 | 20 | 100.0 | 0 | 106 | 75 | 125 | 108.6 | 2.58 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: **N078225-003E-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | | | | | | | RunNo: **209302** | | | |
| Client ID: **ZZZZZZ** | Batch ID: **124546** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **10/23/2025** | | | | | | | SeqNo: **7118381** | | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Iron | 105.370 | 5.8 | 20 | 100.0 | 0 | 105 | 80 | 120 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078259 |
| Test Method: | EPA 6010B |
| Analysis Date: | 10/23/2025 |
| Matrix: | Groundwater |
| Batch No.: | 124546 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078225-003E DT 5x | Iron | Fe | µg/L | 0 | NA | 0 | | 10 |

11/8/2025

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:32:00 AM |
| **Lab ID:** | N078259-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251026C** | QC Batch: **124612** | | | | PrepDate: **10/24/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/26/2025 05:46 AM |
| Barium | 98 | 0.050 | 1.0 | | µg/L | 1 | 10/26/2025 05:46 AM |
| Manganese | 680 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 05:58 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 9:07:00 AM |
| **Lab ID:** | N078259-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251026C** | QC Batch: **124612** | | | PrepDate: | **10/24/2025** | | Analyst: **DJ** |
| Arsenic | 0.87 | 0.34 | 0.50 | | µg/L | 5 | 10/26/2025 06:56 AM |
| Barium | 77 | 0.25 | 5.0 | | µg/L | 5 | 10/26/2025 06:56 AM |
| Manganese | 410 | 0.23 | 2.5 | | µg/L | 5 | 10/26/2025 06:56 AM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:53:00 AM |
| **Lab ID:** | N078259-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251026C** | QC Batch: **124612** | | | PrepDate: | **10/24/2025** | | Analyst: **DJ** |
| Arsenic | 0.62 | 0.067 | 0.10 | | µg/L | 1 | 10/26/2025 07:07 AM |
| Barium | 100 | 0.050 | 1.0 | | µg/L | 1 | 10/26/2025 07:07 AM |
| Manganese | 910 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 07:13 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:18:00 AM |
| **Lab ID:** | N078259-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251028E** | QC Batch: **124612** | | | PrepDate: | **10/24/2025** | | Analyst: **DJ** |
| Arsenic | 0.55 | 0.067 | 0.10 | | µg/L | 1 | 10/29/2025 11:47 AM |
| Barium | 72 | 0.050 | 1.0 | | µg/L | 1 | 10/26/2025 07:19 AM |
| Manganese | 500 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 07:25 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range | |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit | |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified | |
| | DO | Surrogate Diluted Out | (M) | Test is modified | |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-903-Q425 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 11:28:00 AM |
| **Lab ID:** | N078259-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251028E** | QC Batch: **124612** | | | PrepDate: | **10/24/2025** | | Analyst: **DJ** |
| Arsenic | 0.53 | 0.067 | 0.10 | | µg/L | 1 | 10/29/2025 12:57 PM |
| Barium | 69 | 0.050 | 1.0 | | µg/L | 1 | 10/26/2025 07:30 AM |
| Manganese | 580 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 07:36 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1025 |
| **Lab Order:** | N078259 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/22/2025 10:23:00 AM |
| **Lab ID:** | N078259-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251028E** | QC Batch: **124612** | | | PrepDate: | **10/24/2025** | | Analyst: **DJ** |
| Arsenic | 2.8 | 0.067 | 0.10 | | µg/L | 1 | 10/29/2025 11:58 AM |
| Barium | 100 | 0.050 | 1.0 | | µg/L | 1 | 10/26/2025 07:54 AM |
| Manganese | 860 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 07:59 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **MB-124612** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **PBW** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128280**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | 0.114 | 0.050 | 1.0 | | | | | | | | | |
| Manganese | 0.070 | 0.046 | 0.50 | | | | | | | | | |

Sample ID: **LCS-124612** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **LCSW** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128281**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.050 | 0.067 | 0.10 | 10.00 | 0 | 100 | 85 | 115 | | | | |
| Barium | 10.519 | 0.050 | 1.0 | 10.00 | 0 | 105 | 85 | 115 | | | | |
| Manganese | 109.102 | 0.046 | 0.50 | 100.0 | 0 | 109 | 85 | 115 | | | | |

Sample ID: **N078259-008C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128288**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.589 | 0.067 | 0.10 | 10.00 | 0 | 116 | 75 | 125 | | | | |
| Barium | 113.073 | 0.050 | 1.0 | 10.00 | 98.00 | 151 | 75 | 125 | | | | S |

Sample ID: **N078259-008C-MS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128289**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 739.340 | 0.46 | 5.0 | 100.0 | 677.7 | 61.7 | 75 | 125 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N078259-008C-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128292**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.593 | 0.067 | 0.10 | 10.00 | 0 | 116 | 75 | 125 | 11.59 | 0.0359 | 20 | |
| Barium | 109.771 | 0.050 | 1.0 | 10.00 | 98.00 | 118 | 75 | 125 | 113.1 | 2.96 | 20 | |

Sample ID: **N078259-008C-MSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/24/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128293**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 747.702 | 0.46 | 5.0 | 100.0 | 677.7 | 70.0 | 75 | 125 | 739.3 | 1.12 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078259
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID: **N078259-008C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128286**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.262 | 0.067 | 0.10 | 10.00 | 0 | 113 | 80 | 120 | | | | |
| Barium | 107.418 | 0.050 | 1.0 | 10.00 | 98.00 | 94.1 | 80 | 120 | | | | |

Sample ID: **N078259-008C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124612** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128287**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1697.262 | 0.46 | 5.0 | 1000 | 677.7 | 102 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078259 / **N078306 / N078307**
Test Method: EPA 6020
Analysis Date: 10/26/2025

Matrix: Groundwater
Batch No.: 124612

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078259-008C DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078259-008C DT 5x | Barium | Ba | µg/L | 107.0471 | PASS | 98.00377 | 9.23% | 10 |
| N078259-008C DT 50x | Manganese | Mn | µg/L | 702.4011 | PASS | 677.6871 | 3.65% | 10 |

11/8/2025

Note: NA - Not Applicable

11/08/25 13:45

N078259_6020_124612_DT

ARCUS02 C: 11/6/2025 12:00 AM
FOLDER R: 10/22/2025
N078259-015A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Riggie Top | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | |
| Title: Field Tech | | | |
| Signature: 10-22-25 Date: | Sampled By: Riggie Top | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 10-22-25 | | |
| Project Number: 30251660 | | | |

*I hereby authorize ASSET Labs to perform the tests indicated below.*

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for*

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| | | | |
|---|---|---|---|
| Excel EDD | | RTNE | |
| Geotracker | | RWQCB | ✓ |
| Labspec | | CalTrans | |
| Others | ✓ | LEVEL III | |
| Specify: RWQCB | | LEVEL IV | |
| | | Regulatory | |
| Global ID: | | Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | | |
| 4. Seal Present | | |
| 5. IR number | | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 1-8 / 1-9

Courier: FedEx

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH 250 mL poly | Nitrate as N, sulfate (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium 500mL poly | Total Organic Carbon (SM5310B); H2SO4, 250 mL Amber | Dissolved metals (SW6020) FF; HNO3 iron 500mL poly | Ammonia as Nitrogen (SM4500NH3); H2SO4 1 L poly | Nitrate as N (EPA 300.0) 1 L poly | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078259-001 | ✓ MW-34-100-1025 | 10/22/2025 | 11:22 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 2 | -002 | ✓ MW-901-Q425 | 10/22/2025 | 11:32 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 3 | -003 | ✓ MW-44-115-1025 | 10/22/2025 | 10:20 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 4 | -004 | ✓ MW-44-125-1025 | 10/22/2025 | 10:43 | | X | | | | | | | | | | | | E | 1 | P | BNS | MSMSD |
| 5 | -005 | ✓ MW-46-175-1025 | 10/22/2025 | 9:25 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 6 | -006 | ✓ MW-43-025-1025 | 10/22/2025 | 8:51 | | | | | | | | X | | | | | | E | 1 | P | BNS | |
| 7 | -007 | ✓ EB-705-Q425 | 10/22/2025 | 11:42 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 8 | -008 | ✓ MW-79-058-1025 | 10/22/2025 | 9:32 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 9 | -009 | ✓ MW-79-102-1025 | 10/22/2025 | 9:07 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 10 | -010 | ✓ MW-80-057-1025 | 10/22/2025 | ~~12:03~~ 11:53 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 11 | -011 | ✓ MW-80-082-1025 | 10/22/2025 | 11:18 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 12 | -012 | ✓ MW-903-Q425 | 10/22/2025 | 11:28 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 13 | -013 | ✓ MW-26-1025 | 10/22/2025 | 10:23 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 14 | -014 | ✓ EB-706-Q425 | 10/22/2025 | 14:00 | | X | | | | | | | | | | | | E | 1 | P | BNS | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggie Top | 10-22-25 16:55 | MAC Michael Mcanton | 10/22/25 1655 |
| MAC Michael Mcanton | 10/22/25 2045 | MAC Michael Mcanton | 10/22/25 2045 |
| | | MAC Michael Mcanton | 10/22/25 |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [X] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 10/22/2025 | Workorder: | N078259 |
| Rep sample Temp (Deg C): | 1.8 / 1.9 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: N/A  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Vaughn Mariano 10/23/2025

Reviewed By: For: MBC Ian Almario 10/25/2025

**Subject:** RE: PG&E Topock - PCM, 30251660 (ASSET Labs No. N078259)
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 10/23/2025, 10:24 AM
**To:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**CC:** "vaughn@assetlaboratories.com" <vaughn@assetlaboratories.com>, 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>

Hi,
Standard TAT only for all samples. Sorry about that I'll get the template changed.

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**Sent:** Thursday, October 23, 2025 12:24 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** vaughn@assetlaboratories.com; 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>
**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078259)

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Please config if the TAT for the attached COC should be standard. Both C and E are marked.

--
**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

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# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078259

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/22/2025 8:45 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078259-001A | MW-34-100-1025 | 10/22/2025 11:22:00 AM | 11/6/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-002A | MW-901-Q425 | 10/22/2025 11:32:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-003A | MW-44-115-1025 | 10/22/2025 10:20:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-004A | MW-44-125-1025 | 10/22/2025 10:43:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N078259-005A | MW-46-175-1025 | 10/22/2025 9:25:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-006A | MW-43-025-1025 | 10/22/2025 8:51:00 AM | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| N078259-007A | EB-705-Q425 | 10/22/2025 11:42:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-008A | MW-79-058-1025 | 10/22/2025 9:32:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-008B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-008C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-008D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078259-009A | MW-79-102-1025 | 10/22/2025 9:07:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-009B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-009C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078259

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/22/2025 8:45 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078259-009C | MW-79-102-1025 | 10/22/2025 9:07:00 AM | 11/6/2025 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-009D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078259-010A | MW-80-057-1025 | 10/22/2025 11:53:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-010B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-010C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-010D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078259-011A | MW-80-082-1025 | 10/22/2025 11:18:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-011B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-011C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-011D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*25-Oct-25*

**WorkOrder:** N078259

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/22/2025 8:45 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078259-012A | MW-903-Q425 | 10/22/2025 11:28:00 AM | 11/6/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-012B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-012C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-012D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078259-013A | MW-26-1025 | 10/22/2025 10:23:00 AM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-013B | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078259-013C | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078259-013D | | | 11/6/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 11/6/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N078259-014A | EB-706-Q425 | 10/22/2025 2:00:00 PM | 11/6/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078259-015A | FOLDER | 11/6/2025 | 11/6/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/6/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/6/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

November 07, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078221

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

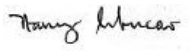
Enclosed are the results for sample(s) received on October 21, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078221

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Dissolved:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Iron in QC sample N078221-001C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Barium and Manganese in QC samples N078222-001BMS and N078222-001BMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

As was reported at 1.17 ug/L with the lowest RSD of 16.97 % for N078221-009C, for N078221-010C

As was reported at 0.75 ug/L with the lowest RSD of 33.98 %, for N078221-018C As was reported at 0.23 ug/L with the lowest RSD at 49.44%. The results are comparable on all runs, please see Corrective Action Report 9229.

## ASSET Laboratories

**Date:** *07-Nov-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078221
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078221-001A | MW-21-1025 | Groundwater | 10/21/2025 9:09:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-001B | MW-21-1025 | Groundwater | 10/21/2025 9:09:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-001C | MW-21-1025 | Groundwater | 10/21/2025 9:09:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-001D | MW-21-1025 | Groundwater | 10/21/2025 9:09:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-002A | MW-21-EB-1025 | Groundwater | 10/21/2025 8:45:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-003A | MW-71-035-1025 | Groundwater | 10/21/2025 9:45:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-003B | MW-71-035-1025 | Groundwater | 10/21/2025 9:45:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-003C | MW-71-035-1025 | Groundwater | 10/21/2025 9:45:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-003D | MW-71-035-1025 | Groundwater | 10/21/2025 9:45:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-004A | MW-902-Q425 | Groundwater | 10/21/2025 9:55:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-004B | MW-902-Q425 | Groundwater | 10/21/2025 9:55:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-004C | MW-902-Q425 | Groundwater | 10/21/2025 9:55:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-004D | MW-902-Q425 | Groundwater | 10/21/2025 9:55:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-005A | MW-20-070-1025 | Groundwater | 10/21/2025 12:01:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-005B | MW-20-070-1025 | Groundwater | 10/21/2025 12:01:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-005C | MW-20-070-1025 | Groundwater | 10/21/2025 12:01:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-005D | MW-20-070-1025 | Groundwater | 10/21/2025 12:01:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-006A | MW-20-100-1025 | Groundwater | 10/21/2025 1:03:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-006B | MW-20-100-1025 | Groundwater | 10/21/2025 1:03:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-006C | MW-20-100-1025 | Groundwater | 10/21/2025 1:03:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-006D | MW-20-100-1025 | Groundwater | 10/21/2025 1:03:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-007A | MW-20-130-1025 | Groundwater | 10/21/2025 12:30:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-007B | MW-20-130-1025 | Groundwater | 10/21/2025 12:30:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-007C | MW-20-130-1025 | Groundwater | 10/21/2025 12:30:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-007D | MW-20-130-1025 | Groundwater | 10/21/2025 12:30:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-008A | MW-78-070-1025 | Groundwater | 10/21/2025 10:56:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-008B | MW-78-070-1025 | Groundwater | 10/21/2025 10:56:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-008C | MW-78-070-1025 | Groundwater | 10/21/2025 10:56:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-008D | MW-78-070-1025 | Groundwater | 10/21/2025 10:56:00 AM | 10/21/2025 | 11/7/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N078221
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078221-009A | MW-78-142-1025 | Groundwater | 10/21/2025 11:24:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-009B | MW-78-142-1025 | Groundwater | 10/21/2025 11:24:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-009C | MW-78-142-1025 | Groundwater | 10/21/2025 11:24:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-009D | MW-78-142-1025 | Groundwater | 10/21/2025 11:24:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-010A | MW-51-1025 | Groundwater | 10/21/2025 10:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-010B | MW-51-1025 | Groundwater | 10/21/2025 10:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-010C | MW-51-1025 | Groundwater | 10/21/2025 10:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-010D | MW-51-1025 | Groundwater | 10/21/2025 10:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-011A | EB-703-Q425 | Groundwater | 10/21/2025 1:13:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-012A | PT5D-1025 | Groundwater | 10/21/2025 1:06:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-013A | PT6D-1025 | Groundwater | 10/21/2025 12:44:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-014A | MW-36-100-1025 | Groundwater | 10/21/2025 1:55:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-015A | MW-76-039-1025 | Groundwater | 10/21/2025 11:12:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-015B | MW-76-039-1025 | Groundwater | 10/21/2025 11:12:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-015C | MW-76-039-1025 | Groundwater | 10/21/2025 11:12:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-015D | MW-76-039-1025 | Groundwater | 10/21/2025 11:12:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-016A | MW-76-156-1025 | Groundwater | 10/21/2025 10:37:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-016B | MW-76-156-1025 | Groundwater | 10/21/2025 10:37:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-016C | MW-76-156-1025 | Groundwater | 10/21/2025 10:37:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-016D | MW-76-156-1025 | Groundwater | 10/21/2025 10:37:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-017A | MW-76-181-1025 | Groundwater | 10/21/2025 10:03:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-017B | MW-76-181-1025 | Groundwater | 10/21/2025 10:03:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-017C | MW-76-181-1025 | Groundwater | 10/21/2025 10:03:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-017D | MW-76-181-1025 | Groundwater | 10/21/2025 10:03:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-018A | MW-76-218-1025 | Groundwater | 10/21/2025 9:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-018B | MW-76-218-1025 | Groundwater | 10/21/2025 9:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-018C | MW-76-218-1025 | Groundwater | 10/21/2025 9:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-018D | MW-76-218-1025 | Groundwater | 10/21/2025 9:21:00 AM | 10/21/2025 | 11/7/2025 |
| N078221-019A | MW-77-187-1025 | Groundwater | 10/21/2025 12:12:00 PM | 10/21/2025 | 11/7/2025 |
| N078221-020A | EB-704-Q425 | Groundwater | 10/21/2025 2:20:00 PM | 10/21/2025 | 11/7/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:09:00 AM |
| **Lab ID:** | N078221-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 10/28/2025 10:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-EB-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 8:45:00 AM |
| **Lab ID:** | N078221-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 12:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:45:00 AM |
| **Lab ID:** | N078221-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 0.40 | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 12:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-902-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:55:00 AM |
| **Lab ID:** | N078221-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 0.38 | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 01:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:01:00 PM |
| **Lab ID:** | N078221-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 260 | 0.97 | 5.0 | | µg/L | 25 | 10/28/2025 10:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:03:00 PM |
| **Lab ID:** | N078221-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 1200 | 7.7 | 40 | | µg/L | 200 | 10/28/2025 10:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:30:00 PM |
| **Lab ID:** | N078221-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 1200 | 7.7 | 40 | | µg/L | 200 | 10/28/2025 09:41 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:56:00 AM |
| **Lab ID:** | N078221-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251030A** | QC Batch: **R209682** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/30/2025 01:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:24:00 AM |
| **Lab ID:** | N078221-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | 280 | 0.97 | 5.0 | | µg/L | 25 | 10/28/2025 09:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:21:00 AM |
| **Lab ID:** | N078221-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251030A** | QC Batch: **R209682** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/30/2025 01:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-703-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:13:00 PM |
| **Lab ID:** | N078221-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 04:20 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:06:00 PM |
| **Lab ID:** | N078221-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251106A** | QC Batch: **R210001** | | | PrepDate: | | | Analyst: **ERP** |
| Hexavalent Chromium | 30 | 0.39 | 2.0 | | µg/L | 10 | 11/6/2025 06:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:44:00 PM |
| **Lab ID:** | N078221-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 04:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-36-100-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:55:00 PM |
| **Lab ID:** | N078221-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251031A** | QC Batch: **R209781** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 10/31/2025 07:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:12:00 AM |
| **Lab ID:** | N078221-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 05:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:37:00 AM |
| **Lab ID:** | N078221-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 06:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:03:00 AM |
| **Lab ID:** | N078221-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 06:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:21:00 AM |
| **Lab ID:** | N078221-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 07:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:12:00 PM |
| **Lab ID:** | N078221-019 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 08:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-704-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 2:20:00 PM |
| **Lab ID:** | N078221-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251028A** | QC Batch: **R209559** | | | PrepDate: | | | Analyst: **AC** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 10/28/2025 08:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R209559 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134426 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R209559 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134427 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.953 | 0.039 | 0.20 | 5.000 | 0 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N078221-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134431 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.152 | 0.039 | 0.20 | 1.000 | 0.07330 | 108 | 90 | 110 | | | | | |

| Sample ID | N078221-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134433 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.355 | 0.039 | 0.20 | 1.000 | 0.3962 | 95.9 | 90 | 110 | | | | | |

| Sample ID | N078221-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134435 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.435 | 0.039 | 0.20 | 1.000 | 0.3777 | 106 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134440 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.436 | 0.039 | 0.20 | | | | | | 0.3962 | 9.45 | 20 | | |

| Sample ID | N078221-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134441 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.344 | 0.039 | 0.20 | 1.000 | 0.3962 | 94.8 | 90 | 110 | 1.355 | 0.822 | 20 | | |

| Sample ID | N078221-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134455 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.119 | 0.039 | 0.20 | 1.000 | 0.08780 | 103 | 90 | 110 | | | | | |

| Sample ID | N078221-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134459 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.191 | 0.039 | 0.20 | 1.000 | 0.1170 | 107 | 90 | 110 | | | | | |

| Sample ID | N078221-015AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134465 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.019 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134467 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.919 | 0.039 | 0.20 | 1.000 | 0 | 91.9 | 90 | 110 | | | | | |

| Sample ID | N078221-017AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134469 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.004 | 0.039 | 0.20 | 1.000 | 0 | 100 | 90 | 110 | | | | | |

| Sample ID | N078221-013ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134470 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.111 | 0.039 | 0.20 | | | | | | 0.1170 | 0 | 20 | | |

| Sample ID | N078221-013AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134471 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.185 | 0.039 | 0.20 | 1.000 | 0.1170 | 107 | 90 | 110 | 1.191 | 0.530 | 20 | | |

| Sample ID | N078221-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134475 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.955 | 0.039 | 0.20 | 1.000 | 0 | 95.5 | 90 | 110 | | | | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-019AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134477 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.906 | 0.039 | 0.20 | 1.000 | 0 | 90.6 | 90 | 110 | | | | | | |

| Sample ID | N078221-020AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134479 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.099 | 0.039 | 0.20 | 1.000 | 0 | 110 | 90 | 110 | | | | | | |

| Sample ID | N078221-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134483 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 400.548 | 0.97 | 5.0 | 125.0 | 278.3 | 97.8 | 90 | 110 | | | | | | |

| Sample ID | N078221-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134487 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2194.200 | 7.7 | 40 | 1000 | 1199 | 99.5 | 90 | 110 | | | | | | |

| Sample ID | N078221-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209559 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | | SeqNo: | 7134489 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2177.400 | 7.7 | 40 | 1000 | 1219 | 95.8 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209559 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | SeqNo: | 7134491 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 382.700 | 0.97 | 5.0 | 125.0 | 258.2 | 99.6 | 90 | 110 | | | | |

| Sample ID | N078221-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209559 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209559 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/28/2025 | SeqNo: | 7134493 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.665 | 0.19 | 1.0 | 5.000 | 0 | 93.3 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R209682 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142164 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS1-R209682 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142165 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.990 | 0.039 | 0.20 | 5.000 | 0 | 99.8 | 90 | 110 | | | | | |

| Sample ID | N078221-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142167 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.976 | 0.039 | 0.20 | 1.000 | 0 | 97.6 | 90 | 110 | | | | | |

| Sample ID | N078221-010AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142169 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.953 | 0.039 | 0.20 | 1.000 | 0 | 95.3 | 90 | 110 | | | | | |

| Sample ID | N078440-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142173 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.929 | 0.039 | 0.20 | 1.000 | 0 | 92.8 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078306-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142177 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.917 | 0.039 | 0.20 | 1.000 | 0 | 91.7 | 90 | 110 | | | | | | |

| Sample ID | N078306-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142179 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.092 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N078306-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142181 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.938 | 0.039 | 0.20 | 1.000 | 0 | 93.8 | 90 | 110 | | | | | | |

| Sample ID | N078306-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142183 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.078 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | | | |

| Sample ID | N078440-001ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209682 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | | SeqNo: | 7142184 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | 0 | 0 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078440-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209682 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209682 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/30/2025 | SeqNo: | 7142185 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.998 | 0.039 | 0.20 | 1.000 | 0 | 99.8 | 90 | 110 | 0.9285 | 7.20 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R209781 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148915 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R209781 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148916 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.008 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | | |

| Sample ID | N078324-001ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148918 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.876 | 0.039 | 0.20 | | | | | | 0.8419 | 3.96 | 20 | | |

| Sample ID | N078324-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148919 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.902 | 0.039 | 0.20 | 1.000 | 0.8419 | 106 | 90 | 110 | | | | | |

| Sample ID | N078324-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148920 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.822 | 0.039 | 0.20 | 1.000 | 0.8419 | 98.0 | 90 | 110 | 1.902 | 4.31 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078324-011ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148933 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | 0 | 0 | 20 | | | |

| Sample ID | N078324-011AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148934 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.063 | 0.039 | 0.20 | 1.000 | 0 | 106 | 90 | 110 | | | | | | |

| Sample ID | N078324-011AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148935 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.068 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | 1.063 | 0.479 | 20 | | | |

| Sample ID | N078438-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148939 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.946 | 0.039 | 0.20 | 1.000 | 0 | 94.6 | 90 | 110 | | | | | | |

| Sample ID | N078438-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 209781 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | | SeqNo: | 7148941 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.019 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-014AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 209781 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209781 | TestNo: | EPA 218.6 | | | Analysis Date: | 10/31/2025 | SeqNo: | 7148951 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.969 | 0.19 | 1.0 | 5.000 | 0 | 99.4 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210001 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210001 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | | SeqNo: | 7161733 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210001 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210001 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | | SeqNo: | 7161734 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.690 | 0.039 | 0.20 | 5.000 | 0 | 93.8 | 90 | 110 | | | | | |

| Sample ID | N078592-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210001 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | | SeqNo: | 7161737 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.297 | 0.039 | 0.20 | 5.000 | 0.5157 | 95.6 | 90 | 110 | | | | | |

| Sample ID | N078592-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210001 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | | SeqNo: | 7161738 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.495 | 0.039 | 0.20 | 5.000 | 0.5157 | 99.6 | 90 | 110 | 5.297 | 3.66 | 20 | | |

| Sample ID | N078592-001ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210001 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | | SeqNo: | 7161739 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.535 | 0.039 | 0.20 | | | | | | 0.5157 | 3.62 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078221-012AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210001 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | SeqNo: | 7161745 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 80.189 | 0.39 | 2.0 | 50.00 | 29.88 | 101 | 90 | 110 | | | | |

| Sample ID | N078256-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210001 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210001 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/6/2025 | SeqNo: | 7161747 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 83.428 | 0.39 | 2.0 | 50.00 | 36.08 | 94.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:09:00 AM |
| **Lab ID:** | N078221-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 560 | 34 | 50 | | mg/L | 100 | 10/24/2025 08:19 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 02:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:45:00 AM |
| **Lab ID:** | N078221-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 690 | 34 | 50 | | mg/L | 100 | 10/24/2025 08:36 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 11 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 02:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-902-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:55:00 AM |
| **Lab ID:** | N078221-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 680 | 34 | 50 | | mg/L | 100 | 10/24/2025 08:52 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 10 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 02:54 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference |
| | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:01:00 PM |
| **Lab ID:** | N078221-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 230 | 17 | 25 | | mg/L | 50 | 10/24/2025 09:08 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 7.3 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 03:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:03:00 PM |
| **Lab ID:** | N078221-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 410 | 17 | 25 | | mg/L | 50 | 10/24/2025 10:14 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 4.9 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 11:37 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:30:00 PM |
| **Lab ID:** | N078221-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 520 | 17 | 25 | | mg/L | 50 | 10/24/2025 11:03 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 2.9 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 11:53 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:56:00 AM |
| **Lab ID:** | N078221-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 240 | 17 | 25 | | mg/L | 50 | 10/24/2025 11:20 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 12:10 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:24:00 AM |
| **Lab ID:** | N078221-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 360 | 17 | 25 | | mg/L | 50 | 10/24/2025 11:36 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 12:26 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:21:00 AM |
| **Lab ID:** | N078221-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 10/24/2025 11:53 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 01:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:12:00 AM |
| **Lab ID:** | N078221-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 330 | 17 | 25 | | mg/L | 50 | 10/25/2025 12:09 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 03:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:37:00 AM |
| **Lab ID:** | N078221-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 10/25/2025 12:25 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 04:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:03:00 AM |
| **Lab ID:** | N078221-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 300 | 17 | 25 | | mg/L | 50 | 10/25/2025 12:42 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 04:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:21:00 AM |
| **Lab ID:** | N078221-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251024B** | QC Batch: **R209391** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 10/25/2025 12:58 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251022A** | QC Batch: **R209262** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 1.4 | 0.24 | 0.50 | | mg/L | 10 | 10/22/2025 04:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R209391_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209391 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/24/2025 | | SeqNo: | 7124345 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R209391_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209391 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/24/2025 | | SeqNo: | 7124346 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.838 | 0.34 | 0.50 | 4.000 | 0 | 96.0 | 90 | 110 | | | | | |

| Sample ID | N078221-005BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209391 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/24/2025 | | SeqNo: | 7124351 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 230.650 | 17 | 25 | | | | | | 230.9 | 0.108 | 20 | | |

| Sample ID | N078221-005BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209391 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/24/2025 | | SeqNo: | 7124352 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 419.045 | 17 | 25 | 200.0 | 230.9 | 94.1 | 80 | 120 | | | | | |

| Sample ID | N078221-005BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 209391 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/24/2025 | | SeqNo: | 7124353 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 422.875 | 17 | 25 | 200.0 | 230.9 | 96.0 | 80 | 120 | 419.0 | 0.910 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N078259-010BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 209391 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/25/2025 | SeqNo: | 7124370 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 474.110 | 17 | 25 | 200.0 | 287.2 | 93.5 | 80 | 120 | | | | |

| Sample ID | N078259-010BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 209391 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209391 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/25/2025 | SeqNo: | 7124371 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 483.135 | 17 | 25 | 200.0 | 287.2 | 98.0 | 80 | 120 | 474.1 | 1.89 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R209262_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 209262 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | SeqNo: | 7116447 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID | LCS-R209262_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 209262 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | SeqNo: | 7116448 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.346 | 0.024 | 0.050 | 1.250 | 0 | 108 | 90 | 110 | | | | |

| Sample ID | N078221-006BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 209262 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | SeqNo: | 7116456 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 5.168 | 0.24 | 0.50 | | | | | | 4.931 | 4.69 | 20 | |

| Sample ID | N078221-006BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 209262 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | SeqNo: | 7116457 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 17.642 | 0.24 | 0.50 | 12.50 | 4.931 | 102 | 80 | 120 | | | | |

| Sample ID | N078221-006BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 209262 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | SeqNo: | 7116458 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 17.845 | 0.24 | 0.50 | 12.50 | 4.931 | 103 | 80 | 120 | 17.64 | 1.14 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N078224-002BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209262 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | | SeqNo: | 7116473 | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 0.535 | 0.048 | 0.10 | | | | | | 0.5248 | 1.96 | 20 | |

| Sample ID | N078224-002BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209262 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | | SeqNo: | 7116474 | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 2.865 | 0.048 | 0.10 | 2.500 | 0.5248 | 93.6 | 80 | 120 | | | | |

| Sample ID | N078224-002BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 209262 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R209262 | TestNo: | EPA 300.0 | | | Analysis Date: | 10/22/2025 | | SeqNo: | 7116475 | |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 3.021 | 0.048 | 0.10 | 2.500 | 0.5248 | 99.8 | 80 | 120 | 2.865 | 5.29 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:09:00 AM |
| **Lab ID:** | N078221-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.3 | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 09:14 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:45:00 AM |
| **Lab ID:** | N078221-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.0 | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 09:54 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-902-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:55:00 AM |
| **Lab ID:** | N078221-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 3.1 | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 10:04 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:01:00 PM |
| **Lab ID:** | N078221-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 10:17 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:03:00 PM |
| **Lab ID:** | N078221-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.4 | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 10:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:30:00 PM |
| **Lab ID:** | N078221-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 10:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:56:00 AM |
| **Lab ID:** | N078221-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 11:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:24:00 AM |
| **Lab ID:** | N078221-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 11:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:21:00 AM |
| **Lab ID:** | N078221-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 11:32 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:12:00 AM |
| **Lab ID:** | N078221-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 11:47 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:37:00 AM |
| **Lab ID:** | N078221-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/22/2025 11:56 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:03:00 AM |
| **Lab ID:** | N078221-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.3 | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 12:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:21:00 AM |
| **Lab ID:** | N078221-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251022A** | QC Batch: **124534** | | | PrepDate: | **10/22/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 10/23/2025 12:21 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-124534** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/22/2025** | RunNo: **209350** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **124534** | TestNo: **SM 5310B** | | Analysis Date: **10/22/2025** | SeqNo: **7121777** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.010 | 0.090 | 1.0 | 5.000 | 0 | 100 | 85 | 115 | | | | |

| Sample ID **MB-124534** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/22/2025** | RunNo: **209350** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **124534** | TestNo: **SM 5310B** | | Analysis Date: **10/22/2025** | SeqNo: **7121778** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078221-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/22/2025** | RunNo: **209350** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124534** | TestNo: **SM 5310B** | | Analysis Date: **10/22/2025** | SeqNo: **7121780** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.665 | 0.090 | 1.0 | 5.000 | 1.341 | 106 | 75 | 125 | | | | |

| Sample ID **N078221-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **10/22/2025** | RunNo: **209350** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **124534** | TestNo: **SM 5310B** | | Analysis Date: **10/22/2025** | SeqNo: **7121781** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.595 | 0.090 | 1.0 | 5.000 | 1.341 | 105 | 75 | 125 | 6.665 | 1.06 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:09:00 AM |
| **Lab ID:** | N078221-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 2500 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 08:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:45:00 AM |
| **Lab ID:** | N078221-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 46 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-902-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:55:00 AM |
| **Lab ID:** | N078221-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Iron | 50 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:01:00 PM |
| **Lab ID:** | N078221-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 27 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:06 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 1:03:00 PM |
| **Lab ID:** | N078221-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:30:00 PM |
| **Lab ID:** | N078221-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Iron | 21 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:56:00 AM |
| **Lab ID:** | N078221-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 31 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:13 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:24:00 AM |
| **Lab ID:** | N078221-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 53 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:15 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:21:00 AM |
| **Lab ID:** | N078221-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:12:00 AM |
| **Lab ID:** | N078221-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Iron | 34 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:37:00 AM |
| **Lab ID:** | N078221-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 41 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:31 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:03:00 AM |
| **Lab ID:** | N078221-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 190 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:21:00 AM |
| **Lab ID:** | N078221-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251022E** | QC Batch: **124506** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Iron | 64 | 5.8 | 20 | | µg/L | 1 | 10/22/2025 09:35 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-124506 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116053 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-124506 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116054 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 110.510 | 5.8 | 20 | 100.0 | 0 | 111 | 85 | 115 | | | | |

| Sample ID | N078221-001C-MS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116065 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2576.150 | 5.8 | 20 | 100.0 | 2501 | 75.3 | 75 | 125 | | | | |

| Sample ID | N078221-001C-MSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209255 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124506 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 10/22/2025 | SeqNo: | 7116066 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2822.920 | 5.8 | 20 | 100.0 | 2501 | 322 | 75 | 125 | 2576 | 9.14 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID **N078221-001C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: RunNo: **209255**
Client ID: **ZZZZZZ** Batch ID: **124506** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **10/22/2025** SeqNo: **7116062**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 2589.040 | 5.8 | 20 | 100.0 | 2501 | 88.2 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078176 / N078221
Test Method: EPA 6010B
Analysis Date: 10/22/2025

Matrix: Groundwater
Batch No.: 124506

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Fe failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078221-001C DT 5x | Iron | Fe | µg/L | 3461.65 | FAIL | 2500.86 | 38.42% | 10 |

Note: NA - Not Applicable

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-21-1025
**Lab Order:** N078221
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/21/2025 9:09:00 AM
**Lab ID:** N078221-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:29 AM |
| Barium | 83 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:29 AM |
| Manganese | 720 | 0.46 | 5.0 | | µg/L | 10 | 10/24/2025 05:35 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:45:00 AM |
| **Lab ID:** | N078221-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | | PrepDate: **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:52 AM |
| Barium | 34 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:52 AM |
| Manganese | 41 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 05:52 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-902-Q425 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 9:55:00 AM |
| **Lab ID:** | N078221-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 05:58 AM |
| Barium | 34 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 05:58 AM |
| Manganese | 39 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 05:58 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:01:00 PM |
| **Lab ID:** | N078221-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 0.91 | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 06:04 AM |
| Barium | 41 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 06:04 AM |
| Manganese | 1.7 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 06:04 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-20-100-1025
**Lab Order:** N078221
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/21/2025 1:03:00 PM
**Lab ID:** N078221-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 1.4 | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 06:16 AM |
| Barium | 31 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 06:16 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 06:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 12:30:00 PM |
| **Lab ID:** | N078221-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | | PrepDate: **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 06:28 AM |
| Barium | 27 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 06:28 AM |
| Manganese | 3.4 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 06:28 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:56:00 AM |
| **Lab ID:** | N078221-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 06:39 AM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 06:39 AM |
| Manganese | 1300 | 0.46 | 5.0 | | µg/L | 10 | 10/24/2025 06:45 AM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 11:24:00 AM |
| **Lab ID:** | N078221-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251028E** | QC Batch: **124514** | | | | PrepDate: **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 1.2 | 0.067 | 0.10 | | µg/L | 1 | 10/29/2025 01:03 PM |
| Barium | 27 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:02 AM |
| Manganese | 9.9 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 07:02 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:21:00 AM |
| **Lab ID:** | N078221-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251028E** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 0.75 | 0.067 | 0.10 | | µg/L | 1 | 10/29/2025 01:08 PM |
| Barium | 45 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:14 AM |
| Manganese | 810 | 0.46 | 5.0 | | µg/L | 10 | 10/24/2025 07:20 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-76-039-1025
**Lab Order:** N078221
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/21/2025 11:12:00 AM
**Lab ID:** N078221-015
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | | PrepDate: | **10/22/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 07:26 AM |
| Barium | 94 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:26 AM |
| Manganese | 50 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 07:26 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:37:00 AM |
| **Lab ID:** | N078221-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 07:32 AM |
| Barium | 38 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:32 AM |
| Manganese | 66 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 07:32 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1025 |
| **Lab Order:** | N078221 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 10/21/2025 10:03:00 AM |
| **Lab ID:** | N078221-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251023F** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 0.62 | 0.067 | 0.10 | | µg/L | 1 | 10/24/2025 07:37 AM |
| Barium | 53 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:37 AM |
| Manganese | 300 | 0.46 | 5.0 | | µg/L | 10 | 10/26/2025 09:21 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-76-218-1025
**Lab Order:** N078221
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 10/21/2025 9:21:00 AM
**Lab ID:** N078221-018
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251027G** | QC Batch: **124514** | | | PrepDate: | **10/22/2025** | | Analyst: **DJ** |
| Arsenic | 0.23 | 0.067 | 0.10 | | µg/L | 1 | 10/28/2025 04:38 AM |
| Barium | 50 | 0.050 | 1.0 | | µg/L | 1 | 10/24/2025 07:43 AM |
| Manganese | 150 | 0.046 | 0.50 | | µg/L | 1 | 10/24/2025 07:43 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **MB-124514** SampType: **MBLK** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **PBW** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122592**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

Sample ID **LCS-124514** SampType: **LCS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **LCSW** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122593**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.415 | 0.067 | 0.10 | 10.00 | 0 | 104 | 85 | 115 | | | | |
| Barium | 11.042 | 0.050 | 1.0 | 10.00 | 0 | 110 | 85 | 115 | | | | |
| Manganese | 111.329 | 0.046 | 0.50 | 100.0 | 0 | 111 | 85 | 115 | | | | |

Sample ID **N078222-001BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122629**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.611 | 0.067 | 0.10 | 10.00 | 0 | 96.1 | 75 | 125 | | | | |

Sample ID **N078222-001BMSD** SampType: **MSD** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209359**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/24/2025** SeqNo: **7122630**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.590 | 0.067 | 0.10 | 10.00 | 0 | 95.9 | 75 | 125 | 9.611 | 0.222 | 20 | |

Sample ID **N078222-001BMS** SampType: **MS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: **10/22/2025** RunNo: **209431**
Client ID: **ZZZZZZ** Batch ID: **124514** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **10/26/2025** SeqNo: **7128324**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078222-001BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128324 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 189.634 | 5.0 | 100 | 10.00 | 206.2 | -166 | 75 | 125 | | | | S |
| Manganese | 1267.363 | 4.6 | 50 | 100.0 | 1242 | 25.1 | 75 | 125 | | | | S |

| Sample ID | N078222-001BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 10/22/2025 | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128325 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 195.192 | 5.0 | 100 | 10.00 | 206.2 | -110 | 75 | 125 | 189.6 | 2.89 | 20 | S |
| Manganese | 1242.070 | 4.6 | 50 | 100.0 | 1242 | -0.225 | 75 | 125 | 1267 | 2.02 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078221
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078222-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 209359 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/24/2025 | SeqNo: | 7122628 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.132 | 0.067 | 0.10 | 10.00 | 0 | 101 | 80 | 120 | | | | |

| Sample ID | N078222-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 209431 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 124514 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 10/26/2025 | SeqNo: | 7128323 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 1185.338 | 5.0 | 100 | 1000 | 206.2 | 97.9 | 80 | 120 | | | | |
| Manganese | 12298.037 | 4.6 | 50 | 10000 | 1242 | 111 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

## ASSET Laboratories

### ICP-MS-Metals in Water

### Dilution Test Summary

Work Order No.: N078176 / N078221
Test Method: EPA 6020
Analysis Date: 10/23,26/2025

Matrix: Groundwater
Batch No.: 124514

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba failed. However, PS passed criteria.
Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078222-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N078222-001B DT 500x | Barium | Ba | µg/L | 246.101 | FAIL | 206.1944 | 19.35% | 10 |
| N078222-001B DT 500x | Manganese | Mn | µg/L | 1231.965 | PASS | 1242.295 | 0.83% | 10 |

Note: NA - Not Applicable

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 11/5/2025 12:00 AM
FOLDER R: 10/21/2025
N078221-021A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Riggie Tap | | Phone: 949 293-2445 Fax: | |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | |
| Signature: Date: 10-21-25 | Sampled By: Riggie Tap | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 10-21-25 | | |
| Project Number: 30251660 | | | |

Global ID:

| | | | |
|---|---|---|---|
| Labspec | | CalTrans | |
| Others | ✓ | LEVEL III | |
| Specify: RWQCB | | LEVEL IV | |
| | | Regulatory | |
| | | Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | 4 | |

6. Method of Cooling: Ice

Sample Temp: 2.2/3.6 °C

Courier: Asset

Tracking No.:

Matrix: Ground X | Sediment; Potable | Soil; NPDES | Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Dissolved metals (SW6020) FF; HNO3 iron (500mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078221-001 | MW-21-1025 | 10/21/2025 | 9:09 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 2 | -002 | MW-21-EB-1025 | 10/21/2025 | 8:45 | | X | | | | | | | | | | E | 1 | P | BNS |
| 3 | -003 | MW-71-035-1025 | 10/21/2025 | 9:45 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 4 | -004 | MW-902-Q425 | 10/21/2025 | 9:55 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 5 | -005 | MW-20-070-1025 | 10/21/2025 | 12:01 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 6 | -006 | MW-20-100-1025 | 10/21/2025 | 13:03 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 7 | -007 | MW-20-130-1025 | 10/21/2025 | 12:30 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 8 | -008 | MW-78-070-1025 | 10/21/2025 | 10:56 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 9 | -009 | MW-78-142-1025 | 10/21/2025 | 11:24 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 10 | -010 | MW-51-1025 | 10/21/2025 | 10:21 | | X | X | X | | | X | | | | | E | 4 | P | BNS |
| 11 | -011 | EB-703-Q425 | 10/21/2025 | 13:13 | | X | | | | | | | | | | E | 1 | P | BNS |
| 12 | -012 | PT5D-1025 | 10/21/2025 | 13:06 | | X | | | | | | | | | | E | 1 | P | BNS |
| 13 | -013 | PT6D-1025 | 10/21/2025 | 12:44 | | X | | | | | | | | | | E | 1 | P | B |
| 14 | -014 | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggie Tap | 10-21-25 14:30 | Ernesto Hernandez | 10-21-25 15:25 |
| Ernesto Hernandez | 10-21-25 19:03 | Ernesto Hernandez | 10-21-25 17:03 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [X] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com

# CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement | | QA/QC | | Sample Receipt Condition |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD | | RTNE | | Y N |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker | | RWQCB | ✓ | 1. Chilled ✓ |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec | | CalTrans | | 2. Headspace |
| Submitted By: Riggie Tap | | | Others | ✓ | LEVEL III | | 3. Container Intact ✓ |
| Title: Field Tech | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Specify: RWQCB | | LEVEL IV | | 4. Seal Present |
| Signature: Date: 10-21-25 | Sampled By: Riggie Tap | | Global ID: | | Regulatory | | 5. IR number 4 |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misabeling the sample location, date or time of collection is considered fraud and may be grounds for | | | | Specify State: | | 6. Method of Cooling: Ice |
| Project Name: PG&E Topock - PCM | Signature: Date: 10-21-25 | | | | | | Sample Temp: 2-2 / 3.6 °C |
| Project Number: 30251660 | | | | | | | Courier: Asset Tracking No.: |

Matrix: Ground X Sediment; Potable Soil; NPDES Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | vm 10/21 | | | | | | | | | | | | | | | | | | | | | |
| 1 | N078221 ~~-015~~ -014 | MW-36-100-1025 | 10/21/2025 | 13:55 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 2 | ~~-016~~ -015 | MW-76-039-1025 | 10/21/2025 | 11:12 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 3 | ~~-017~~ -016 | MW-76-156-1025 | 10/21/2025 | 10:37 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 4 | ~~-018~~ -017 | MW-76-181-1025 | 10/21/2025 | 10:03 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 5 | ~~-019~~ ~~-020~~ vm -018 | MW-76-218-1025 | 10/21/2025 | 9:21 | | X | X | X | | | X | | | | | | | E | 4 | P | BNS | |
| 6 | ~~-020~~ -019 | MW-77-187-1025 | 10/21/2025 | 12:12 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 7 | ~~-021~~ -020 | EB-704-Q425 | 10/21/2025 | 14:20 | | X | | | | | | | | | | | | E | 1 | P | B | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggie Tap | 10-21-25 14:30 | Ernesto Hernandez | 10-21-25 15:25 |
| Ernesto Hernandez | 10-21-25 19:03 | Ernesto Hernandez | 10-21-25 19:03 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 10/21/2025 | Workorder: | N078221 |
| Rep sample Temp (Deg C): | 2.2/3.6 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM YRodriguez

10/22/2025

Reviewed By: MBC Ian Almario

For:

10/25/2025

**Subject:** PG&E Topock - PCM, 30251660 (ASSET Labs No. N078221)
**From:** Yoandra Rodriguez <yoandra@assetlaboratories.com>
**Date:** 10/24/2025, 10:24 AM
**To:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**CC:** 'ASSET Sample Control LV' <samplecontrol.lv@assetlaboratories.com>

Hi Laura,

All samples on the attached COC were logged in on a standard TAT.

--
**Thanks,**

**Yoandra Rodriguez**
**Project Manager**

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
Northern California: 4020 Lennane Dr., Sacramento, CA 95834 | M: 702.439.0421
Southern California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

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Attachments:

N078221_COC.pdf 361 KB

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-001A | MW-21-1025 | 10/21/2025 9:09:00 AM | 11/5/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-001B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-001C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-001D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-002A | MW-21-EB-1025 | 10/21/2025 8:45:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-003A | MW-71-035-1025 | 10/21/2025 9:45:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-003B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-003C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-003D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-004A | MW-902-Q425 | 10/21/2025 9:55:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-004B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-004C | MW-902-Q425 | 10/21/2025 9:55:00 AM | 11/5/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-004D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-005A | MW-20-070-1025 | 10/21/2025 12:01:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-005B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-005C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-005D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-006A | MW-20-100-1025 | 10/21/2025 1:03:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-006B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-006C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-006D | MW-20-100-1025 | 10/21/2025 1:03:00 PM | 11/5/2025 | Groundwater | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-007A | MW-20-130-1025 | 10/21/2025 12:30:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-007B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-007C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-007D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-008A | MW-78-070-1025 | 10/21/2025 10:56:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-008B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-008C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-008D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-009A | MW-78-142-1025 | 10/21/2025 11:24:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-009B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-009B | MW-78-142-1025 | 10/21/2025 11:24:00 AM | 11/5/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-009C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-009D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-010A | MW-51-1025 | 10/21/2025 10:21:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-010B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-010C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-010D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-011A | EB-703-Q425 | 10/21/2025 1:13:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-012A | PT5D-1025 | 10/21/2025 1:06:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-013A | PT6D-1025 | 10/21/2025 12:44:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-014A | MW-36-100-1025 | 10/21/2025 1:55:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-015A | MW-76-039-1025 | 10/21/2025 11:12:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-015B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-015B | MW-76-039-1025 | 10/21/2025 11:12:00 AM | 11/5/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-015C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-015D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-016A | MW-76-156-1025 | 10/21/2025 10:37:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-016B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-016C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-016D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-017A | MW-76-181-1025 | 10/21/2025 10:03:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-017B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-017C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Oct-25*

**WorkOrder:** N078221

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 10/21/2025 7:03 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078221-017C | MW-76-181-1025 | 10/21/2025 10:03:00 AM | 11/5/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-017D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-018A | MW-76-218-1025 | 10/21/2025 9:21:00 AM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-018B | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078221-018C | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/5/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078221-018D | | | 11/5/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/5/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078221-019A | MW-77-187-1025 | 10/21/2025 12:12:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-020A | EB-704-Q425 | 10/21/2025 2:20:00 PM | 11/5/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078221-021A | FOLDER | 11/5/2025 | 11/5/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/5/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/5/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 03, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N078880

RE: PG&E Topock - PCM, 30211191

Attention: Laura Madsen

Enclosed are the results for sample(s) received on November 12, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30211191
**Lab Order:** N078880

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for samples N078880-001, -006 and -009 due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.4 ug/L) for sample N078880-006 (IRZ-21-157-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Because the results for total dissolved chromium (12 ug/L) and hexavalent chromium (7.8 ug/L) for sample N078880-009 (IRZ-25-166-Q425) are discrepant, sample re-analysis and Matrix Spike protocol were performed and result confirmed initial analysis.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Analytical Comments for EPA 6010B_Total:

Matrix Spike Duplicate (MSD) is outside recovery and RPD criteria for Iron in QC sample N078880-001C-MSD1 possibly due to matrix interference. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Manganese in QC samples N078876-006CMS and N078876-006CMSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Because the results for total dissolved chromium (2.7 ug/L) and hexavalent chromium (1.4 ug/L) for sample N078880-006 (IRZ-21-157-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 2.7 and 2.5 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

Because the results for total dissolved chromium (12 ug/L) and hexavalent chromium (7.8 ug/L) for sample N078880-009 (IRZ-25-166-Q425) are discrepant, sample from both the total dissolved chromium and hexavalent chromium containers were redigested and analyzed for total dissolved chromium. The results from the redigested samples were 11 and 10 ug/L, respectively. Since these data confirmed the original result for total dissolved chromium, the original result is reported.

## ASSET Laboratories

**Date:** *03-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30211191
**Lab Order:** N078880
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078880-001A | PTI-1D-Q425 | Groundwater | 11/12/2025 11:40:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-001B | PTI-1D-Q425 | Groundwater | 11/12/2025 11:40:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-001C | PTI-1D-Q425 | Groundwater | 11/12/2025 11:40:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-002A | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-002B | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-002C | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-002D | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-002E | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-002F | IRZ-09-100-Q425 | Groundwater | 11/12/2025 1:05:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003A | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003B | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003C | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003D | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003E | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-003F | IRZ-13D-210-Q425 | Groundwater | 11/12/2025 1:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004A | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004B | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004C | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004D | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004E | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-004F | IRZ-13S-095-Q425 | Groundwater | 11/12/2025 1:30:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-005A | IRZ-21-065-Q425 | Groundwater | 11/12/2025 12:35:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-005B | IRZ-21-065-Q425 | Groundwater | 11/12/2025 12:35:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-005C | IRZ-21-065-Q425 | Groundwater | 11/12/2025 12:35:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-005D | IRZ-21-065-Q425 | Groundwater | 11/12/2025 12:35:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-006A | IRZ-21-157-Q425 | Groundwater | 11/12/2025 12:50:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-006B | IRZ-21-157-Q425 | Groundwater | 11/12/2025 12:50:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-006C | IRZ-21-157-Q425 | Groundwater | 11/12/2025 12:50:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-006D | IRZ-21-157-Q425 | Groundwater | 11/12/2025 12:50:00 PM | 11/12/2025 | 12/3/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30211191
**Lab Order:** N078880
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N078880-007A | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-007B | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-007C | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-007D | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-007E | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-007F | IRZ-23-143-Q425 | Groundwater | 11/12/2025 11:00:00 AM | 11/12/2025 | 12/3/2025 |
| N078880-008A | IRZ-25-100-Q425 | Groundwater | 11/12/2025 12:10:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-008B | IRZ-25-100-Q425 | Groundwater | 11/12/2025 12:10:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-008C | IRZ-25-100-Q425 | Groundwater | 11/12/2025 12:10:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-008D | IRZ-25-100-Q425 | Groundwater | 11/12/2025 12:10:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-009A | IRZ-25-166-Q425 | Groundwater | 11/12/2025 12:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-009B | IRZ-25-166-Q425 | Groundwater | 11/12/2025 12:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-009C | IRZ-25-166-Q425 | Groundwater | 11/12/2025 12:20:00 PM | 11/12/2025 | 12/3/2025 |
| N078880-009D | IRZ-25-166-Q425 | Groundwater | 11/12/2025 12:20:00 PM | 11/12/2025 | 12/3/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:40:00 AM |
| **Lab ID:** | N078880-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 03:55 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-09-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:05:00 PM |
| **Lab ID:** | N078880-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 15 | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 04:32 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13D-210-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:20:00 PM |
| **Lab ID:** | N078880-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 120 | 0.77 | 4.0 | | µg/L | 20 | 11/17/2025 10:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13S-095-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:30:00 PM |
| **Lab ID:** | N078880-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.44 | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 04:51 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-065-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:35:00 PM |
| **Lab ID:** | N078880-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251117B** | QC Batch: **R210550** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 11/18/2025 05:10 AM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124C** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 11/24/2025 10:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-157-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:50:00 PM |
| **Lab ID:** | N078880-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.4 | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 08:44 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124C** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 2.7 | 0.13 | 1.0 | | µg/L | 1 | 11/24/2025 10:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-23-143-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:00:00 AM |
| **Lab ID:** | N078880-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 270 | 1.9 | 10 | | µg/L | 50 | 11/18/2025 12:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:10:00 PM |
| **Lab ID:** | N078880-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** | QC Batch: **R210579** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 650 | 3.9 | 20 | | µg/L | 100 | 11/18/2025 12:40 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128C** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 660 | 1.3 | 10 | | µg/L | 10 | 11/28/2025 03:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-166-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:20:00 PM |
| **Lab ID:** | N078880-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251118A** QC Batch: **R210579** | | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 7.8 | 0.19 | 1.0 | | µg/L | 5 | 11/18/2025 09:03 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | | **EPA 3010A** | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124C** QC Batch: **125245** | | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Chromium | 12 | 0.13 | 1.0 | | µg/L | 1 | 11/24/2025 10:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | LCS-R210550 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | | SeqNo: | 7199574 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.892 | 0.039 | 0.20 | 5.000 | 0 | 97.8 | 90 | 110 | | | | | | |

| Sample ID | MB-R210550 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | | SeqNo: | 7199577 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | | |

| Sample ID | N078880-003ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | | SeqNo: | 7199579 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 115.886 | 0.77 | 4.0 | | | | | | 115.1 | 0.686 | 20 | | | |

| Sample ID | N078880-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | | SeqNo: | 7199580 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 220.416 | 0.77 | 4.0 | 100.0 | 115.1 | 105 | 90 | 110 | | | | | | |

| Sample ID | N078880-003AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | | RunNo: | 210550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/17/2025 | | | SeqNo: | 7199581 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 220.728 | 0.77 | 4.0 | 100.0 | 115.1 | 106 | 90 | 110 | 220.4 | 0.141 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-020AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199599**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.136 | 0.039 | 0.20 | 1.000 | 0.08880 | 105 | 90 | 110 | | | | |

Sample ID **N078819-021AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199601**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.200 | 0.039 | 0.20 | 1.000 | 0.1426 | 106 | 90 | 110 | | | | |

Sample ID **N078819-022AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199603**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.080 | 0.039 | 0.20 | 1.000 | 0 | 108 | 90 | 110 | | | | |

Sample ID **N078880-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199605**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.601 | 0.19 | 1.0 | 5.000 | 0 | 92.0 | 90 | 110 | | | | |

Sample ID **N078880-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199609**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 38.196 | 0.19 | 1.0 | 25.00 | 14.62 | 94.3 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078880-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199611**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.460 | 0.039 | 0.20 | 1.000 | 0.4388 | 102 | 90 | 110 | | | | |

Sample ID **N078880-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199613**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.930 | 0.039 | 0.20 | 1.000 | 0 | 93.0 | 90 | 110 | | | | |

Sample ID **N078819-013AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199615**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.182 | 0.039 | 0.20 | 1.000 | 0.1698 | 101 | 90 | 110 | | | | |

Sample ID **N078819-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199617**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.140 | 0.039 | 0.20 | 1.000 | 0.1546 | 98.6 | 90 | 110 | | | | |

Sample ID **N078819-015AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210550**
Client ID: **ZZZZZZ** Batch ID: **R210550** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7199621**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.134 | 0.039 | 0.20 | 1.000 | 0.1771 | 95.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-019AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210550 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210550 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7199623 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.119 | 0.039 | 0.20 | 1.000 | 0.1904 | 92.8 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R210579 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200635 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R210579 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200636 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.872 | 0.039 | 0.20 | 5.000 | 0 | 97.4 | 90 | 110 | | | | | |

| Sample ID | N078880-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200638 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 516.170 | 1.9 | 10 | 250.0 | 274.3 | 96.8 | 90 | 110 | | | | | |

| Sample ID | N078880-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200640 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1131.960 | 3.9 | 20 | 500.0 | 646.6 | 97.1 | 90 | 110 | | | | | |

| Sample ID | N078819-017AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200644 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 348.812 | 0.77 | 4.0 | 100.0 | 244.4 | 104 | 90 | 110 | | | | | |

**Qualifiers:**

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
(M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200646 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 221.120 | 0.77 | 4.0 | 100.0 | 126.4 | 94.8 | 90 | 110 | | | | | |

| Sample ID | N079007-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200650 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.995 | 0.039 | 0.20 | 1.000 | 0 | 99.5 | 90 | 110 | | | | | |

| Sample ID | N079008-001CDUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200651 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.126 | 0.039 | 0.20 | | | | | | 4.989 | 2.70 | 20 | | |

| Sample ID | N079008-001CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200654 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 9.895 | 0.039 | 0.20 | 5.000 | 4.989 | 98.1 | 90 | 110 | | | | | |

| Sample ID | N078819-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7200656 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 10.168 | 0.039 | 0.20 | 5.000 | 5.438 | 94.6 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N078819-016AMSD** SampType: **MSD** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200657**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 10.216 | 0.039 | 0.20 | 5.000 | 5.438 | 95.6 | 90 | 110 | 10.17 | 0.462 | 20 | |

Sample ID **N079007-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200658**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.066 | 0.039 | 0.20 | 1.000 | 0 | 107 | 90 | 110 | | | | |

Sample ID **N078916-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200660**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 368.655 | 1.9 | 10 | 250.0 | 132.1 | 94.6 | 90 | 110 | | | | |

Sample ID **N078916-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200662**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.105 | 0.039 | 0.20 | 1.000 | 0.09520 | 101 | 90 | 110 | | | | |

Sample ID **N078916-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **210579**
Client ID: **ZZZZZZ** Batch ID: **R210579** TestNo: **EPA 218.6** Analysis Date: **11/18/2025** SeqNo: **7200666**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.951 | 0.039 | 0.20 | 1.000 | 0 | 95.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202706 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 36.482 | 0.19 | 1.0 | 25.00 | 11.25 | 101 | 90 | 110 | | | | | |

| Sample ID | N078916-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202710 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.905 | 0.039 | 0.20 | 1.000 | 0 | 90.5 | 90 | 110 | | | | | |

| Sample ID | N078916-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202712 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.033 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N078880-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202716 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 6.715 | 0.19 | 1.0 | 5.000 | 1.392 | 106 | 90 | 110 | | | | | |

| Sample ID | N078880-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 210579 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | | SeqNo: | 7202718 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 12.836 | 0.19 | 1.0 | 5.000 | 7.834 | 100 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N078819-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210579 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210579 | TestNo: | EPA 218.6 | | | Analysis Date: | 11/18/2025 | SeqNo: | 7202722 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 7.267 | 0.19 | 1.0 | 5.000 | 2.011 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125245 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222943 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125245 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222944 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.831 | 0.13 | 1.0 | 10.00 | 0 | 108 | 85 | 115 | | | | |

| Sample ID | N078876-006CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222954 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.592 | 0.13 | 1.0 | 10.00 | 0.1473 | 104 | 75 | 125 | | | | |

| Sample ID | N078876-006CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222955 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.534 | 0.13 | 1.0 | 10.00 | 0.1473 | 104 | 75 | 125 | 10.59 | 0.549 | 20 | |

| Sample ID | N078876-013CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222965 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 12.416 | 0.13 | 1.0 | 10.00 | 1.986 | 104 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N078876-013CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222966 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 12.706 | 0.13 | 1.0 | 10.00 | 1.986 | 107 | 75 | 125 | 12.42 | 2.31 | 20 | |

| Sample ID | N078876-014CMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222970 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 12.823 | 0.13 | 1.0 | 10.00 | 1.741 | 111 | 75 | 125 | | | | |

| Sample ID | N078876-014CMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222971 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 13.009 | 0.13 | 1.0 | 10.00 | 1.741 | 113 | 75 | 125 | 12.82 | 1.44 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N078876-006C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222951 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.343 | 0.13 | 1.0 | 10.00 | 0.1473 | 102 | 80 | 120 | | | | |

| Sample ID | N078876-013C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222962 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 12.349 | 0.13 | 1.0 | 10.00 | 1.986 | 104 | 80 | 120 | | | | |

| Sample ID | N078876-014C-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 210942 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222969 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 12.513 | 0.13 | 1.0 | 10.00 | 1.741 | 108 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24,25/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.
Dilution test is not applicable to Mo, Se, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-006C DT 5x | Molybdenum | Mo | µg/L | 10.85644 | NA | 10.52287 | 3.17% | 10 |
| N078876-006C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-006C DT 50x | Manganese | Mn | µg/L | 110.1255 | FAIL | 82.30647 | 33.80% | 10 |
| N078876-006C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1473014 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.
Dilution test for Mo failed

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-013C DT 5x | Manganese | Mn | µg/L | 60.79684 | FAIL | 52.06795 | 16.76% | 10 |
| N078876-013C DT 5x | Molybdenum | Mo | µg/L | 58.00661 | FAIL | 52.65353 | 10.17% | 10 |
| N078876-013C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-013C DT 5x | Chromium | Cr | µg/L | 2.346212 | NA | 1.985765 | 18.15% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria
Dilution test for Mo failed

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-014C DT 5x | Manganese | Mn | µg/L | 67.73651 | FAIL | 52.60085 | 28.77% | 10 |
| N078876-014C DT 5x | Molybdenum | Mo | µg/L | 63.50564 | FAIL | 51.89249 | 22.38% | 10 |
| N078876-014C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-014C DT 5x | Chromium | Cr | µg/L | 2.161422 | NA | 1.740894 | 24.16% | 10 |

Note: NA - Not Applicable

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** IRZ-09-100-Q425
**Lab Order:** N078880
**Project:** PG&E Topock - PCM, 30211191
**Collection Date:** 11/12/2025 1:05:00 PM
**Lab ID:** N078880-002
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 530 | 17 | 25 | | mg/L | 50 | 11/17/2025 12:48 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 1.2 | 0.24 | 0.50 | | mg/L | 10 | 11/13/2025 08:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13D-210-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:20:00 PM |
| **Lab ID:** | N078880-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 670 | 17 | 25 | | mg/L | 50 | 11/17/2025 01:04 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 0.74 | 0.24 | 0.50 | | mg/L | 10 | 11/13/2025 09:55 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** IRZ-13S-095-Q425
**Lab Order:** N078880
**Project:** PG&E Topock - PCM, 30211191
**Collection Date:** 11/12/2025 1:30:00 PM
**Lab ID:** N078880-004
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 400 | 17 | 25 | | mg/L | 50 | 11/17/2025 01:21 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/13/2025 10:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-065-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:35:00 PM |
| **Lab ID:** | N078880-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 380 | 17 | 25 | | mg/L | 50 | 11/17/2025 01:54 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/13/2025 10:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-157-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:50:00 PM |
| **Lab ID:** | N078880-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 400 | 17 | 25 | | mg/L | 50 | 11/17/2025 02:10 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 12:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-23-143-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:00:00 AM |
| **Lab ID:** | N078880-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 460 | 17 | 25 | | mg/L | 50 | 11/17/2025 01:37 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 1.8 | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 12:39 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:10:00 PM |
| **Lab ID:** | N078880-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251116B** | QC Batch: **R210494** | | | PrepDate: | | | Analyst: **ERP** |
| Sulfate | 370 | 17 | 25 | | mg/L | 50 | 11/17/2025 02:26 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | 2.9 | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 12:56 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-166-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:20:00 PM |
| **Lab ID:** | N078880-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251122A** | QC Batch: **R210819** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 11/22/2025 06:34 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251113B** | QC Batch: **R210367** | | | PrepDate: | | | Analyst: **ERP** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 11/14/2025 01:12 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210494_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/16/2025 | SeqNo: | 7196059 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R210494_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/16/2025 | SeqNo: | 7196060 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 3.868 | 0.34 | 0.50 | 4.000 | 0 | 96.7 | 90 | 110 | | | | |

| Sample ID | N078875-010BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | SeqNo: | 7196079 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 567.350 | 17 | 25 | 200.0 | 376.0 | 95.7 | 80 | 120 | | | | |

| Sample ID | N078875-010BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | SeqNo: | 7196080 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 563.930 | 17 | 25 | 200.0 | 376.0 | 94.0 | 80 | 120 | 567.4 | 0.605 | 20 | |

| Sample ID | N078875-011BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | SeqNo: | 7196082 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 576.320 | 17 | 25 | 200.0 | 383.1 | 96.6 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N078875-011BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210494 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210494 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/17/2025 | SeqNo: | 7196083 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 577.250 | 17 | 25 | 200.0 | 383.1 | 97.1 | 80 | 120 | 576.3 | 0.161 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R210819_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210819 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210819 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/22/2025 | SeqNo: | 7214345 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | |

| Sample ID | LCS-R210819_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210819 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210819 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/22/2025 | SeqNo: | 7214346 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 4.067 | 0.34 | 0.50 | 4.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID | N079198-005CDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210819 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210819 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/22/2025 | SeqNo: | 7214350 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 621.410 | 34 | 50 | | | | | | 624.7 | 0.531 | 20 | |

| Sample ID | N079198-005CMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210819 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210819 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/22/2025 | SeqNo: | 7214351 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1021.480 | 34 | 50 | 400.0 | 624.7 | 99.2 | 80 | 120 | | | | |

| Sample ID | N079198-005CMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 210819 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210819 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/22/2025 | SeqNo: | 7214352 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 1021.460 | 34 | 50 | 400.0 | 624.7 | 99.2 | 80 | 120 | 1021 | 0.00196 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R210367_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210367 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R210367 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/13/2025 | SeqNo: | 7188807 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | |

| Sample ID | LCS-R210367_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210367 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R210367 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/13/2025 | SeqNo: | 7188808 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.258 | 0.024 | 0.050 | 1.250 | 0 | 101 | 90 | 110 | | | | |

| Sample ID | N078876-006BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210367 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210367 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/13/2025 | SeqNo: | 7188814 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | ND | 0.24 | 0.50 | | | | | | 0 | 0 | 20 | |

| Sample ID | N078876-006BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210367 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210367 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/13/2025 | SeqNo: | 7188815 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.568 | 0.24 | 0.50 | 12.50 | 0 | 101 | 80 | 120 | | | | |

| Sample ID | N078876-006BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 210367 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R210367 | TestNo: | EPA 300.0 | | | Analysis Date: | 11/13/2025 | SeqNo: | 7188816 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.505 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | 12.57 | 0.503 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | SampType | TestCode | Units | Prep Date | RunNo |
|---|---|---|---|---|---|
| **N078876-013BMS** | **MS** | **300WLLNO3** | **mg/L** | | **210367** |
| Client ID: **ZZZZZZ** | Batch ID: **R210367** | TestNo: **EPA 300.0** | | Analysis Date: **11/13/2025** | SeqNo: **7188824** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.466 | 0.24 | 0.50 | 12.50 | 0 | 99.7 | 80 | 120 | | | | |

| Sample ID | SampType | TestCode | Units | Prep Date | RunNo |
|---|---|---|---|---|---|
| **N078876-013BMSD** | **MSD** | **300WLLNO3** | **mg/L** | | **210367** |
| Client ID: **ZZZZZZ** | Batch ID: **R210367** | TestNo: **EPA 300.0** | | Analysis Date: **11/13/2025** | SeqNo: **7188825** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 12.507 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | 12.47 | 0.328 | 20 | |

| Sample ID | SampType | TestCode | Units | Prep Date | RunNo |
|---|---|---|---|---|---|
| **N078876-014BMS** | **MS** | **300WLLNO3** | **mg/L** | | **210367** |
| Client ID: **ZZZZZZ** | Batch ID: **R210367** | TestNo: **EPA 300.0** | | Analysis Date: **11/13/2025** | SeqNo: **7188827** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.210 | 0.12 | 0.25 | 6.250 | 0 | 99.4 | 80 | 120 | | | | |

| Sample ID | SampType | TestCode | Units | Prep Date | RunNo |
|---|---|---|---|---|---|
| **N078876-014BMSD** | **MSD** | **300WLLNO3** | **mg/L** | | **210367** |
| Client ID: **ZZZZZZ** | Batch ID: **R210367** | TestNo: **EPA 300.0** | | Analysis Date: **11/13/2025** | SeqNo: **7188828** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 6.282 | 0.12 | 0.25 | 6.250 | 0 | 101 | 80 | 120 | 6.210 | 1.15 | 20 | |

| Sample ID | SampType | TestCode | Units | Prep Date | RunNo |
|---|---|---|---|---|---|
| **N078880-002BDUP** | **DUP** | **300WLLNO3** | **mg/L** | | **210367** |
| Client ID: **ZZZZZZ** | Batch ID: **R210367** | TestNo: **EPA 300.0** | | Analysis Date: **11/13/2025** | SeqNo: **7188832** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.234 | 0.24 | 0.50 | | | | | | 1.217 | 1.39 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-09-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:05:00 PM |
| **Lab ID:** | N078880-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 02:20 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13D-210-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:20:00 PM |
| **Lab ID:** | N078880-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 02:34 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13S-095-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:30:00 PM |
| **Lab ID:** | N078880-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 02:45 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-065-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:35:00 PM |
| **Lab ID:** | N078880-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 02:57 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-157-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:50:00 PM |
| **Lab ID:** | N078880-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 03:08 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-23-143-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:00:00 AM |
| **Lab ID:** | N078880-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 03:20 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:10:00 PM |
| **Lab ID:** | N078880-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.1 | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 03:33 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-166-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:20:00 PM |
| **Lab ID:** | N078880-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251117A** | QC Batch: **125268** | | | PrepDate: | **11/17/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 11/18/2025 03:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125268** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/17/2025** | SeqNo: **7200592** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.867 | 0.090 | 1.0 | 5.000 | 0 | 97.3 | 85 | 115 | | | | |

| Sample ID **MB-125268** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/17/2025** | SeqNo: **7200593** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N078876-006DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/17/2025** | SeqNo: **7200599** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.314 | 0.090 | 1.0 | 5.000 | 0.4401 | 97.5 | 75 | 125 | | | | |

| Sample ID **N078876-006DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/17/2025** | SeqNo: **7200600** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.490 | 0.090 | 1.0 | 5.000 | 0.4401 | 101 | 75 | 125 | 5.314 | 3.26 | 20 | |

| Sample ID **N078876-013DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7200609** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.318 | 0.090 | 1.0 | 5.000 | 1.390 | 98.6 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **N078876-013DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7200610** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.314 | 0.090 | 1.0 | 5.000 | 1.390 | 98.5 | 75 | 125 | 6.318 | 0.0633 | 20 | |

| Sample ID **N078876-014DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7200612** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.335 | 0.090 | 1.0 | 5.000 | 1.474 | 97.2 | 75 | 125 | | | | |

| Sample ID **N078876-014DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **11/17/2025** | RunNo: **210578** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125268** | TestNo: **SM 5310B** | | Analysis Date: **11/18/2025** | SeqNo: **7200613** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 6.395 | 0.090 | 1.0 | 5.000 | 1.474 | 98.4 | 75 | 125 | 6.335 | 0.943 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:40:00 AM |
| **Lab ID:** | N078880-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | 210 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:34 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118E** | QC Batch: **125257** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Iron | 210 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 04:11 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-09-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:05:00 PM |
| **Lab ID:** | N078880-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:36 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118E** | QC Batch: **125257** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/18/2025 04:23 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13D-210-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:20:00 PM |
| **Lab ID:** | N078880-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:39 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118E** | QC Batch: **125257** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Iron | 140 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 04:28 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** IRZ-13S-095-Q425
**Lab Order:** N078880
**Project:** PG&E Topock - PCM, 30211191
**Collection Date:** 11/12/2025 1:30:00 PM
**Lab ID:** N078880-004
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:41 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118E** | QC Batch: **125257** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Iron | 42 | 5.8 | 20 | | µg/L | 1 | 11/18/2025 04:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-065-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:35:00 PM |
| **Lab ID:** | N078880-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | | PrepDate: | **11/14/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-157-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:50:00 PM |
| **Lab ID:** | N078880-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | 190 | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** IRZ-23-143-Q425
**Lab Order:** N078880
**Project:** PG&E Topock - PCM, 30211191
**Collection Date:** 11/12/2025 11:00:00 AM
**Lab ID:** N078880-007
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | PrepDate: | **11/14/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:54 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251118E** | QC Batch: **125257** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/18/2025 04:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:10:00 PM |
| **Lab ID:** | N078880-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | | PrepDate: | **11/14/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:57 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-166-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:20:00 PM |
| **Lab ID:** | N078880-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251114E** | QC Batch: **125205** | | | | PrepDate: | **11/14/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 11/14/2025 05:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID **MB-125205** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/14/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125205** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192417** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID **LCS-125205** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/14/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125205** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192418** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.760 | 5.8 | 20 | 100.0 | 0 | 114 | 85 | 115 | | | | |

| Sample ID **N078876-006CMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/14/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125205** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192426** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 128.260 | 5.8 | 20 | 100.0 | 27.87 | 100 | 75 | 125 | | | | |

| Sample ID **N078876-006CMSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/14/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125205** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192429** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 129.100 | 5.8 | 20 | 100.0 | 27.87 | 101 | 75 | 125 | 128.3 | 0.653 | 20 | |

| Sample ID **N078876-013CMS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **11/14/2025** | RunNo: **210438** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125205** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **11/14/2025** | SeqNo: **7192437** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 124.010 | 5.8 | 20 | 100.0 | 26.84 | 97.2 | 75 | 125 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | N078876-013CMSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/14/2025 | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192438 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.700 | 5.8 | 20 | 100.0 | 26.84 | 96.9 | 75 | 125 | 124.0 | 0.250 | 20 | |

| Sample ID | N078876-014CMS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/14/2025 | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192444 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 107.250 | 5.8 | 20 | 100.0 | 22.64 | 84.6 | 75 | 125 | | | | |

| Sample ID | N078876-014CMSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 11/14/2025 | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192445 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 104.020 | 5.8 | 20 | 100.0 | 22.64 | 81.4 | 75 | 125 | 107.2 | 3.06 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

| Sample ID | MB-125257 | SampType: | MBLK | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210600 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125257 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201806 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS1-125257 | SampType: | LCS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210600 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125257 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201807 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 110.500 | 5.8 | 20 | 100.0 | 0 | 110 | 85 | 115 | | | | |

| Sample ID | N078880-001C-MS1 | SampType: | MS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210600 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125257 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201815 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 311.380 | 5.8 | 20 | 100.0 | 212.9 | 98.5 | 75 | 125 | | | | |

| Sample ID | N078880-001C-MSD | SampType: | MSD | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210600 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125257 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201816 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 413.640 | 5.8 | 20 | 100.0 | 212.9 | 201 | 75 | 125 | 311.4 | 28.2 | 20 | SR |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | N078876-006C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192425 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.320 | 5.8 | 20 | 100.0 | 27.87 | 85.5 | 80 | 120 | | | | |

| Sample ID | N078876-013C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192436 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 122.750 | 5.8 | 20 | 100.0 | 26.84 | 95.9 | 80 | 120 | | | | |

| Sample ID | N078876-014C-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 210438 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125205 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/14/2025 | SeqNo: | 7192443 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 97.590 | 5.8 | 20 | 100.0 | 22.64 | 75.0 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

| Sample ID | N078880-001C-PS | SampType: | PS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 210600 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125257 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 11/18/2025 | SeqNo: | 7201814 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 304.870 | 5.8 | 20 | 100.0 | 212.9 | 92.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078876 / N078880
Test Method: EPA 6010B
Analysis Date: 11/14/2025

Matrix: Groundwater
Batch No.: 125205

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-006C DT 5x | Iron | Fe | µg/L | 0 | NA | 27.87 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078876 / N078880
Test Method: EPA 6010B
Analysis Date: 11/14/2025

Matrix: Extract
Batch No.: 125205

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-013C DT 5x | Iron | Fe | µg/L | 0 | NA | 26.84 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078876 / N078880
Test Method: EPA 6010B
Analysis Date: 11/14/2025

Matrix: Groundwater
Batch No.: 125205

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-014C DT 5x | Iron | Fe | µg/L | 0 | NA | 22.64 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6010B |
| Analysis Date: | 11/18/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125257 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078880-001C DT 5x | Iron | Fe | µg/L | 238.7 | NA | 212.86 | 12.14% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:40:00 AM |
| **Lab ID:** | N078880-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 640 | 0.46 | 5.0 | | µg/L | 10 | 11/28/2025 03:07 PM |
| **TOTAL METALS BY ICPMS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251119D** | QC Batch: **125296** | | | PrepDate: | **11/18/2025** | | Analyst: **DJ** |
| Manganese | 670 | 0.46 | 5.0 | | µg/L | 10 | 11/19/2025 08:51 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-09-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:05:00 PM |
| **Lab ID:** | N078880-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 9.7 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 09:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13D-210-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:20:00 PM |
| **Lab ID:** | N078880-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 1.4 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 09:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-13S-095-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 1:30:00 PM |
| **Lab ID:** | N078880-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | | PrepDate: | **11/17/2025** | Analyst: **DJ** |
| Manganese | 1.3 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 10:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-065-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:35:00 PM |
| **Lab ID:** | N078880-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251128B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 370 | 0.46 | 5.0 | | µg/L | 10 | 11/28/2025 03:13 PM |
| Molybdenum | 11 | 0.063 | 0.50 | | µg/L | 1 | 11/24/2025 10:11 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/24/2025 10:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-21-157-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:50:00 PM |
| **Lab ID:** | N078880-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 44 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 10:16 PM |
| Molybdenum | 18 | 0.063 | 0.50 | | µg/L | 1 | 11/24/2025 10:16 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/24/2025 10:16 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-23-143-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 11:00:00 AM |
| **Lab ID:** | N078880-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 10:22 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-100-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:10:00 PM |
| **Lab ID:** | N078880-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 5.6 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 10:28 PM |
| Molybdenum | 11 | 0.063 | 0.50 | | µg/L | 1 | 11/24/2025 10:28 PM |
| Selenium | 2.5 | 0.29 | 0.50 | | µg/L | 1 | 11/24/2025 10:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | IRZ-25-166-Q425 |
| **Lab Order:** | N078880 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 11/12/2025 12:20:00 PM |
| **Lab ID:** | N078880-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251124B** | QC Batch: **125245** | | | PrepDate: | **11/17/2025** | | Analyst: **DJ** |
| Manganese | 3.0 | 0.046 | 0.50 | | µg/L | 1 | 11/24/2025 10:34 PM |
| Molybdenum | 3.4 | 0.063 | 0.50 | | µg/L | 1 | 11/24/2025 10:34 PM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 11/24/2025 10:34 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125245 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222433 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125245 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222434 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 107.255 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |
| Molybdenum | 10.024 | 0.063 | 0.50 | 10.00 | 0 | 100 | 85 | 115 | | | | |
| Selenium | 10.731 | 0.29 | 0.50 | 10.00 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N078876-006CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222444 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 21.792 | 0.063 | 0.50 | 10.00 | 10.52 | 113 | 75 | 125 | | | | |
| Selenium | 10.361 | 0.29 | 0.50 | 10.00 | 0 | 104 | 75 | 125 | | | | |

| Sample ID | N078876-006CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222445 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 22.006 | 0.063 | 0.50 | 10.00 | 10.52 | 115 | 75 | 125 | 21.79 | 0.977 | 20 | |
| Selenium | 10.479 | 0.29 | 0.50 | 10.00 | 0 | 105 | 75 | 125 | 10.36 | 1.13 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078876-013CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222455 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 158.697 | 0.046 | 0.50 | 100.0 | 52.07 | 107 | 75 | 125 | | | | |
| Molybdenum | 63.521 | 0.063 | 0.50 | 10.00 | 52.65 | 109 | 75 | 125 | | | | |
| Selenium | 10.857 | 0.29 | 0.50 | 10.00 | 0 | 109 | 75 | 125 | | | | |

| Sample ID | N078876-013CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222456 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 162.981 | 0.046 | 0.50 | 100.0 | 52.07 | 111 | 75 | 125 | 158.7 | 2.66 | 20 | |
| Molybdenum | 64.423 | 0.063 | 0.50 | 10.00 | 52.65 | 118 | 75 | 125 | 63.52 | 1.41 | 20 | |
| Selenium | 10.380 | 0.29 | 0.50 | 10.00 | 0 | 104 | 75 | 125 | 10.86 | 4.49 | 20 | |

| Sample ID | N078876-014CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222460 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 165.347 | 0.046 | 0.50 | 100.0 | 52.60 | 113 | 75 | 125 | | | | |
| Molybdenum | 63.388 | 0.063 | 0.50 | 10.00 | 51.89 | 115 | 75 | 125 | | | | |
| Selenium | 10.776 | 0.29 | 0.50 | 10.00 | 0 | 108 | 75 | 125 | | | | |

| Sample ID | N078876-014CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210935 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/24/2025 | SeqNo: | 7222461 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 167.771 | 0.046 | 0.50 | 100.0 | 52.60 | 115 | 75 | 125 | 165.3 | 1.46 | 20 | |
| Molybdenum | 63.563 | 0.063 | 0.50 | 10.00 | 51.89 | 117 | 75 | 125 | 63.39 | 0.276 | 20 | |
| Selenium | 10.528 | 0.29 | 0.50 | 10.00 | 0 | 105 | 75 | 125 | 10.78 | 2.33 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N078876-006CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7225721 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 246.899 | 0.46 | 5.0 | 100.0 | 82.31 | 165 | 75 | 125 | | | | S |

| Sample ID | N078876-006CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 11/17/2025 | RunNo: | 210984 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125245 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/25/2025 | SeqNo: | 7225722 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 249.028 | 0.46 | 5.0 | 100.0 | 82.31 | 167 | 75 | 125 | 246.9 | 0.859 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

| Sample ID | MB-125296 | SampType: | MBLK | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210691 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125296 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207176 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125296 | SampType: | LCS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210691 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125296 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207177 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 99.763 | 0.046 | 0.50 | 100.0 | 0 | 99.8 | 85 | 115 | | | | |

| Sample ID | N079007-001C-MS | SampType: | MS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210691 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125296 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207192 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 596.163 | 0.23 | 2.5 | 500.0 | 109.4 | 97.3 | 75 | 125 | | | | |

| Sample ID | N079007-001C-MSD | SampType: | MSD | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 11/18/2025 | RunNo: | 210691 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125296 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207193 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 593.363 | 0.23 | 2.5 | 500.0 | 109.4 | 96.8 | 75 | 125 | 596.2 | 0.471 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N078876-006C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210935**
Client ID: **ZZZZZZ** Batch ID: **125245** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/24/2025** SeqNo: **7222441**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | 22.049 | 0.063 | 0.50 | 10.00 | 10.52 | 115 | 80 | 120 | | | | |
| Selenium | 9.749 | 0.29 | 0.50 | 10.00 | 0 | 97.5 | 80 | 120 | | | | |

Sample ID **N078876-013C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210935**
Client ID: **ZZZZZZ** Batch ID: **125245** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/24/2025** SeqNo: **7222452**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 160.148 | 0.046 | 0.50 | 100.0 | 52.07 | 108 | 80 | 120 | | | | |
| Molybdenum | 65.317 | 0.063 | 0.50 | 10.00 | 52.65 | 127 | 80 | 120 | | | | S |
| Selenium | 10.197 | 0.29 | 0.50 | 10.00 | 0 | 102 | 80 | 120 | | | | |

Sample ID **N078876-014C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210935**
Client ID: **ZZZZZZ** Batch ID: **125245** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/24/2025** SeqNo: **7222459**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 164.115 | 0.046 | 0.50 | 100.0 | 52.60 | 112 | 80 | 120 | | | | |
| Molybdenum | 64.222 | 0.063 | 0.50 | 10.00 | 51.89 | 123 | 80 | 120 | | | | S |
| Selenium | 10.712 | 0.29 | 0.50 | 10.00 | 0 | 107 | 80 | 120 | | | | |

Sample ID **N078876-006C-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **210984**
Client ID: **ZZZZZZ** Batch ID: **125245** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **11/25/2025** SeqNo: **7225720**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1107.500 | 0.46 | 5.0 | 1000 | 82.31 | 103 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N078880
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

| Sample ID | N079007-001C-PS | SampType: | PS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | | RunNo: | 210691 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125296 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 11/19/2025 | SeqNo: | 7207191 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 604.368 | 0.23 | 2.5 | 500.0 | 109.4 | 99.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24,25/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.
Dilution test is not applicable to Mo, Se, Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-006C DT 5x | Molybdenum | Mo | µg/L | 10.85644 | NA | 10.52287 | 3.17% | 10 |
| N078876-006C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-006C DT 50x | Manganese | Mn | µg/L | 110.1255 | FAIL | 82.30647 | 33.80% | 10 |
| N078876-006C DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1473014 | 100.00% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria.
Dilution test for Mo failed

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-013C DT 5x | Manganese | Mn | µg/L | 60.79684 | FAIL | 52.06795 | 16.76% | 10 |
| N078876-013C DT 5x | Molybdenum | Mo | µg/L | 58.00661 | FAIL | 52.65353 | 10.17% | 10 |
| N078876-013C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-013C DT 5x | Chromium | Cr | µg/L | 2.346212 | NA | 1.985765 | 18.15% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N078880 |
| Test Method: | EPA 6020 |
| Analysis Date: | 11/24/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125245 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments: Analyzed By: Diane Jetajobe

Dilution test for Mn failed. However, PS passed criteria
Dilution test for Mo failed

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N078876-014C DT 5x | Manganese | Mn | µg/L | 67.73651 | FAIL | 52.60085 | 28.77% | 10 |
| N078876-014C DT 5x | Molybdenum | Mo | µg/L | 63.50564 | FAIL | 51.89249 | 22.38% | 10 |
| N078876-014C DT 5x | Selenium | Se | µg/L | 0 | NA | 0 | | 10 |
| N078876-014C DT 5x | Chromium | Cr | µg/L | 2.161422 | NA | 1.740894 | 24.16% | 10 |

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N078880
Test Method: EPA 6020
Analysis Date: 11/19/2025

Matrix: Groundwater
Batch No.: 125296

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079007-001C DT 5x | Manganese | Mn | µg/L | 110.8009 | PASS | 109.443 | 1.24% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 11/27/202 12:00 AM
FOLDER R: 11/12/2025
N078880-010A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Daniel Garcia | | Phone: +1 949 293-2445 Fax: | |
| Title: Field Supervisor | Phone: 916-786-3302 Fax: | | |
| Signature: Date: 11/12/25 | Sampled By: Daniel Garcia | | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11/12/25 | | |
| Project Number: 30211191 | | | |

| EDD Requirement | | QA/QC | | Sample Receipt Condition | Y | N |
|---|---|---|---|---|---|---|
| Excel EDD | | RTNE | | 1. Chilled | ✓ | |
| Geotracker | | RWQCB | ✓ | 2. Headspace | | |
| Labspec | | CalTrans | | 3. Container Intact | ✓ | |
| Others | ✓ | LEVEL III | | 4. Seal Present | ✓ | |
| Specify: RWQCB | | LEVEL IV | | 5. IR number | 4 | |
| Global ID: | | Regulatory | | 6. Method of Cooling: ICE | | |
| | | Specify State: | | Sample Temp: 1.6 / 1.9°C | | |

Courier: Asset
Tracking No.:

Matrix: Ground X | Sediment | Potable | Soil | NPDES | Other Solid | Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrite, Nitrate, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Selenium, Molybdenum (500mL poly) | Total Organic Carbon (SM5310C); H2SO4 (3x40 mL VOA) | Total metals (SW6010) No filter; HNO3 Total Iron and manganese (500mL poly) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Nitrate, sulfate (EPA 300.0) (1 L poly) | Nitrate (EPA 300.0) (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N078880-001 | PTI-1D-Q425 | 11/12/25 | 1140 | | X | | X | | | | X | | | | m | 3 | P | BNS | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Daniel Garcia | | michael Alcantara | 11/12/25 1600 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| michael Alcantara | 11/12/25 2339 | michael Alcantara | 11/12/25 2339 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com

# CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement: Excel EDD; Geotracker; Labspec; Others ✓; Specify: RWQCB; Global ID: |
| Address: 630 Plaza Drive | Company: Arcadis | Address: | QA/QC: RTNE; RWQCB ✓; CalTrans; LEVEL III; LEVEL IV; Regulatory; Specify State: |
| Address: Highlands Ranch, CO 80129 | Email: aura.madsen@arcadis.com | Address: | Sample Receipt Condition: 1. Chilled Y; 2. Headspace; 3. Container Intact Y; 4. Seal Present Y; 5. IR number 4; 6. Method of Cooling: Wc |
| Phone: 720.344.3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Sample Temp: 1.6 / 1.9°C |
| Submitted By: Daniel Garcia | | Phone: 949-727-1400, ext 200 Fax: | Courier: ASLOT |
| Title: Field supervisor | Phone: 720.344.3771 Fax: | | Tracking No.: |
| Signature: Date: 11/12/25 | Sampled By: Daniel Garcia | Matrix: Ground X; Potable; NPDES; Surface; Sediment; Soil; Other Solid | |
| I hereby authorize ASSET Labs to perform the tests indicated below | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 11/12/25 | | |
| Project Number: 30121866 | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Barium, Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Total metals (SW6010) No filter; HNO3 Total Iron, Potassium, Sodium, Calcium, magnesium, Manganese (500mL poly) | Nitrite as Nitrogen, bromide, chloride, fluoride (EPA 300) (1 L poly) | Alkalinity, Total as CaCO3 (SM 2320B); Hardness (1 L poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO78X80 002 | IRZ-09-100-Q425 | 11/12/25 | 1305 | | X | X | X | | | X | X | X | X | E | 7 | P | BNS | |
| 2 | 003 | IRZ-13D-210-Q425 | 11/12/25 | 1320 | | X | X | X | | | X | X | X | X | E | 7 | P | BNS | |
| 3 | 004 | IRZ-13S-095-Q425 | 11/12/25 | 1330 | | X | X | X | | | X | X | X | X | E | 7 | P | BNS | |
| 4 | 005 | IRZ-21-065-Q425 | 11/12/25 | 1235 | | X | X | X | X | X | X | | | | E | 4 | P | BNS | |
| 5 | 006 | IRZ-21-157-Q425 | 11/12/25 | 1250 | | X | X | X | X | X | X | | | | E | 4 | P | BNS | |
| 6 | 007 | IRZ-23-143-Q425 | 11/12/25 | 1100 | | X | X | X | | | X | X | X | X | E | 7 | P | BNS | |
| 7 | 008 | IRZ-25-100-Q425 | 11/12/25 | 1210 | | X | X | X | X | X | X | | | | E | 4 | P | BNS | |
| 8 | 009 | IRZ-25-166-Q425 | 11/12/25 | 1220 | | X | X | X | X | X | X | | | | E | 4 | P | BNS | |
| 9 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Daniel Garcia Date/Time:
Relinquished by (Signature and Printed Name): Michael Alcantara Date/Time: 11/12/25 1630
Relinquished by (Signature and Printed Name): Michael Alcantara Date/Time: 11/12/25 2339
Relinquished by (Signature and Printed Name): Michael Alcantara Date/Time: 11/12/25 2339
Relinquished by (Signature and Printed Name): Date/Time:
Relinquished by (Signature and Printed Name): Date/Time:

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- [ ] D = 3 Workdays
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5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

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www.assetlaboratories.com

# CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement | | QA/QC | | Sample Receipt Condition | Y | N |
| Address: 630 Plaza Drive | Company: Arcadis | Address: | Excel EDD | | RTNE | | | | |
| | | | Geotracker | | RWQCB | ✓ | 1. Chilled | | |
| Address: Highlands Ranch, CO 80129 | Email: aura.madsen@arcadis.com | Address: | Labspec | | CalTrans | | 2. Headspace | | |
| | | | Others | ✓ | LEVEL III | | 3. Container Intact | | |
| Phone: 720.344.3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Specify: RWQCB | | LEVEL IV | | 4. Seal Present | | |
| | | | | | Regulatory | | 5. IR number | | |
| Submitted By: | | Phone: 949-727-1400, ext 200 Fax: | Global ID: | | Specify State: | | 6. Method of Cooling: | | |
| Title: | Phone: 720.344.3771 Fax: | | | | | | Sample Temp: | | |
| Signature: Date: | Sampled By: | | | | | | Courier: | | |
| *I hereby authorize ASSET Labs to perform the tests indicated below.* | *I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for* | | | | | | Tracking No.: | | |
| Project Name: PG&E Topock - PCM | Signature: Date: | | | | | | | | |
| Project Number: 30251660 | | | | | | | | | |

**Matrix**

| | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Total metals (SW6010) **No filter**; HNO3 Total Iron, (500mL poly) | Nitrite as Nitrogen, bromide, chloride, fluoride (EPA 300) (1 L poly) | Alkalinity, Total as CaCO3 (SM 2320B); Hardness (1 L poly) | | | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IRZ-09-100-Q425 | 11/12/2025 | | | X | X | X | | | X | X | | | | | | | E | 5 | P | BNS | |
| 2 | | IRZ-13D-210-Q425 | 11/12/2025 | | | X | X | X | | | X | X | | | | | | | E | 5 | P | BNS | |
| 3 | | IRZ-13S-095-Q425 | 11/12/2025 | | | X | X | X | | | X | X | | | | | | | E | 5 | P | BNS | |
| 4 | | IRZ-21-065-Q425 | 11/12/2025 | | | X | X | X | X | X | X | | | | | | | | E | 3 | P | BNS | |
| 5 | | IRZ-21-157-Q425 | 11/12/2025 | | | X | X | X | X | X | X | | | | | | | | E | 3 | P | BNS | |
| 6 | | IRZ-23-143-Q425 | 11/12/2025 | | | X | X | X | | | X | X | | | | | | | E | 5 | P | BNS | |
| 7 | | IRZ-25-100-Q425 | 11/12/2025 | | | X | X | X | X | X | X | | | | | | | | E | 3 | P | BNS | |
| 8 | | IRZ-25-166-Q425 | 11/12/2025 | | | X | X | X | X | X | X | | | | | | | | E | 3 | P | BNS | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | |

Reliquished by (Signature and Printed Name): Date/Time: | Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Date/Time: | Reliquished by (Signature and Printed Name): Date/Time:

Reliquished by (Signature and Printed Name): Date/Time: | Reliquished by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

| | | |
|---|---|---|
| | A | < 24 Hrs or Same Day TAT |
| | B | = Next Workday |
| | C | = 2 Workdays |
| | D | = 3 Workdays |
| X | E | = Routine 5-7 Workdays |

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3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 11/12/2025 | Workorder: | N078880 |
| Rep sample Temp (Deg C): | 1.6/1.9 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: VM Vaughn Mariano 11/13/2025

Reviewed By: MBC For: Ian Almario 11/22/2025

**Subject:** RE: TOPOCK lab_login N078880, PG&E Topock - PCM, 30211191 - COC and Work Order Summary for Samples Received 11/12/2025
**From:** "Madsen, Laura" <Laura.Madsen@arcadis.com>
**Date:** 11/17/2025, 3:28 PM
**To:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>, ASSET Sample Control CA <samplecontrol@assetlaboratories.com>, LabReports <LabReports@arcadis.com>, "nancy@assetlaboratories.com" <nancy@assetlaboratories.com>, Marlon Cartin <marlon@assetlaboratories.com>
**CC:** "Woods, Nikki" <Nichole.Woods@arcadis.com>, "Manoharan, Sandhyasree" <sandhyasree.manoharan@arcadis.com>, "Ekambaram, Revathi" <revathi.ekambaram@arcadis.com>, Ian Almario <ian.almario@assetlaboratoriesph.com>, "maryann.balilu@assetlaboratoriesph.com" <maryann.balilu@assetlaboratoriesph.com>, "jcarlo.turla@assetlaboratoriesph.com" <jcarlo.turla@assetlaboratoriesph.com>

Yes, that should be analyzed like per the submitted COC.  No changes to that one.

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
**Sent:** Monday, November 17, 2025 5:31 PM
**To:** Madsen, Laura <Laura.Madsen@arcadis.com>; ASSET Sample Control CA <samplecontrol@assetlaboratories.com>; LabReports <LabReports@arcadis.com>; nancy@assetlaboratories.com; Marlon Cartin <marlon@assetlaboratories.com>
**Cc:** Woods, Nikki <Nichole.Woods@arcadis.com>; Manoharan, Sandhyasree <sandhyasree.manoharan@arcadis.com>; Ekambaram, Revathi <revathi.ekambaram@arcadis.com>; Ian Almario <ian.almario@assetlaboratoriesph.com>; maryann.balilu@assetlaboratoriesph.com; jcarlo.turla@assetlaboratoriesph.com
**Subject:** Re: TOPOCK lab_login N078880, PG&E Topock - PCM, 30211191 - COC and Work Order Summary for Samples Received 11/12/2025

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Laura,

Greetings and Good day!

I forgot to ask you with regards to WO N078880,

Sample 1: PTI-1D-Q425 collected at 11/12 11:40AM, will still be analyzed? It was not shown on the revised COC you sent.

Please confirm. Thanks!

Best Regards,

Vaughn

On 11/17/2025 2:44 PM, Madsen, Laura wrote:

> Thank you!
>
> **Laura Madsen** PG
> Project Geologist
> Arcadis U.S., Inc.
> M +1 303 653 5749
>
> ---
>
> **From:** Vaughn Exequiel Mariano <vaughn@assetlaboratories.com>
> **Sent:** Monday, November 17, 2025 4:24 PM
> **To:** Madsen, Laura <Laura.Madsen@arcadis.com>; ASSET Sample Control CA <samplecontrol@assetlaboratories.com>; LabReports <LabReports@arcadis.com>; nancy@assetlaboratories.com; Marlon Cartin <marlon@assetlaboratories.com>
> **Cc:** Woods, Nikki <Nichole.Woods@arcadis.com>; Manoharan, Sandhyasree <sandhyasree.manoharan@arcadis.com>; Ekambaram, Revathi <revathi.ekambaram@arcadis.com>; Ian Almario <ian.almario@assetlaboratoriesph.com>; maryann.balilu@assetlaboratoriesph.com; jcarlo.turla@assetlaboratoriesph.com
> **Subject:** Re: TOPOCK lab_login N078880, PG&E Topock - PCM, 30211191 - COC and Work Order Summary for Samples Received 11/12/2025
>
> **Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.
>
> Hi Laura,
>
> Login is revised. However, some analysis are already done for this (Anions Br, Alkalinity, etc.). We will just put it on hold for these ones.
>
> Team, please send the revised login for WO N078880.
>
> Thanks!
>
> Best Regards,
>
> Vaughn
>
> On 11/17/2025 10:44 AM, Madsen, Laura wrote:
>
> > Hi Vaughn,
> > We got permission from the technical team we no longer need to collect some of the analytes in this SDG. I apologize for the amount of edits. I have edited a second version of the COC with what we do need analyzed. Please Can you please update the login and send a revised copy and elogin back to me?

Thanks!

**Laura Madsen** PG
Project Geologist
Arcadis U.S., Inc.
M +1 303 653 5749

---

**From:** ASSET Sample Control CA <samplecontrol@assetlaboratories.com>
**Sent:** Friday, November 14, 2025 2:20 AM
**To:** LabReports <LabReports@arcadis.com>; Madsen, Laura <Laura.Madsen@arcadis.com>
**Cc:** Woods, Nikki <Nichole.Woods@arcadis.com>; Manoharan, Sandhyasree <sandhyasree.manoharan@arcadis.com>; Ekambaram, Revathi <revathi.ekambaram@arcadis.com>; Mattern, Evan <Evan.Mattern@arcadis.com>
**Subject:** TOPOCK lab_login N078880, PG&E Topock - PCM, 30211191 - COC and Work Order Summary for Samples Received 11/12/2025

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

**Hi Laura Madsen:**

Enclosed are COCs and WO Summaries for samples received 11/12/2025. If you have any questions, please contact your Project Manager listed below.

A new column “Matrix_Spike” has been added in the excel file. If the “MS/MSD” field is ticked when logging in the testcode, the “Matrix_Spike” column will be marked ”YES”.

**Marlon Cartin**
3151 W. Post Road
Las Vegas, Nevada
89118
**Tel. No.:** (702)-307-2659 Ext. 410
**Cel. No.:** (702)-439-0421
**Email:** marlon@assetlaboratories.com

Thank you for using ASSET Laboratories.

Sincerely,

**John Carlo Turla**
***Project Coordinator***

**ASSET Laboratories**
**Northern California:** 1170 National Dr., Sacramento, CA 95834 I M: 702.439.0421
**Southern California:** 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P: 562.219.7435 I F: 562.219.7436
**Nevada:** 3151 W. Post Road, Las Vegas, NV 89118 I P: 702.307.2659 Ext. 410 I F: 702.307.2691 I M: 702.439.0421
www.assetlaboratories.com

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-001A | PTI-1D-Q425 | 11/12/2025 11:40:00 AM | 11/28/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-001B | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-001C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | TOTAL METALS BY ICPMS | ☐ | ☐ | ☐ | WW |
| N078880-002A | IRZ-09-100-Q425 | 11/12/2025 1:05:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-002B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☑ | ☐ | ☐ | WW |
| N078880-002C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-002D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-002D | IRZ-09-100-Q425 | 11/12/2025 1:05:00 PM | 11/28/2025 | Groundwater | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-002E | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| N078880-002F | | | 11/28/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☑ | ☐ | ☐ | LGS |
| N078880-003A | IRZ-13D-210-Q425 | 11/12/2025 1:20:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-003B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☑ | ☐ | ☐ | WW |
| N078880-003C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-003D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-003E | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| N078880-003F | | | 11/28/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☑ | ☐ | ☐ | LGS |
| N078880-004A | IRZ-13S-095-Q425 | 11/12/2025 1:30:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-004B | IRZ-13S-095-Q425 | 11/12/2025 1:30:00 PM | 11/28/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☑ | ☐ | ☐ | WW |
| N078880-004C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-004D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-004E | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| N078880-004F | | | 11/28/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☑ | ☐ | ☐ | LGS |
| N078880-005A | IRZ-21-065-Q425 | 11/12/2025 12:35:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-005B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078880-005C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-005C | IRZ-21-065-Q425 | 11/12/2025 12:35:00 PM | 11/28/2025 | Groundwater | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-005D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-006A | IRZ-21-157-Q425 | 11/12/2025 12:50:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-006B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078880-006C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-006D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-007A | IRZ-23-143-Q425 | 11/12/2025 11:00:00 AM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-007B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☑ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | SM 1030F1 | Cation-Anion Balance Calculation | ☑ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-007C | IRZ-23-143-Q425 | 11/12/2025 11:00:00 AM | 11/28/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-007D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-007E | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| N078880-007F | | | 11/28/2025 | | SM 2320 B | ALKALINITY, SPECIATED | ☑ | ☐ | ☐ | LGS |
| N078880-008A | IRZ-25-100-Q425 | 11/12/2025 12:10:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-008B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N078880-008C | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-008D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-009A | IRZ-25-166-Q425 | 11/12/2025 12:20:00 PM | 11/28/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N078880-009B | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*22-Nov-25*

**WorkOrder:** N078880

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 11/12/2025 11:39 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N078880-009C | IRZ-25-166-Q425 | 11/12/2025 12:20:00 PM | 11/28/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 11/28/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N078880-009D | | | 11/28/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 11/28/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N078880-010A | FOLDER | 11/28/2025 | 11/28/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 11/28/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 11/28/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

January 15, 2026

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N080092

RE: PG&E Topock - PCM, 30211191

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 30, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30211191
**Lab Order:** N080092

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 6020_Total:

Matrix Spike Duplicate (MSD) is outside recovery criteria for Manganese in QC sample N080092-001C-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *15-Jan-26*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30211191
**Lab Order:** N080092
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N080092-001A | PTI-1D-1225 | Groundwater | 12/23/2025 8:30:00 AM | 12/30/2025 | 1/15/2026 |
| N080092-001B | PTI-1D-1225 | Groundwater | 12/23/2025 8:30:00 AM | 12/30/2025 | 1/15/2026 |
| N080092-001C | PTI-1D-1225 | Groundwater | 12/23/2025 8:30:00 AM | 12/30/2025 | 1/15/2026 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-1225 |
| **Lab Order:** | N080092 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 12/23/2025 8:30:00 AM |
| **Lab ID:** | N080092-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_260105A** | QC Batch: **R212686** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 1/5/2026 12:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R212686 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334628 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R212686 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334629 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.992 | 0.039 | 0.20 | 5.000 | 0 | 99.8 | 90 | 110 | | | | | |

| Sample ID | N080092-001ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334631 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | | | | | 0 | 0 | 20 | | |

| Sample ID | N080092-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334632 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.116 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | | |

| Sample ID | N080092-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334633 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.127 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | 5.116 | 0.215 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N080093-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334637 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.026 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | | | |

| Sample ID | N080093-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334639 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.028 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | | | |

| Sample ID | N080093-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 212686 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R212686 | TestNo: | EPA 218.6 | | | Analysis Date: | 1/5/2026 | | SeqNo: | 7334641 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.980 | 0.19 | 1.0 | 5.000 | 0 | 99.6 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-1225 |
| **Lab Order:** | N080092 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 12/23/2025 8:30:00 AM |
| **Lab ID:** | N080092-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_260102I** | QC Batch: **126395** | | | PrepDate: | **12/31/2025** | | Analyst: **DJ** |
| Iron | 190 | 5.8 | 20 | | µg/L | 1 | 1/2/2026 12:46 PM |
| **TOTAL METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_260102J** | QC Batch: **126394** | | | PrepDate: | **12/31/2025** | | Analyst: **DJ** |
| Iron | 200 | 5.8 | 20 | | µg/L | 1 | 1/2/2026 01:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **MB-126395** | SampType: | **MBLK** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/31/2025** | RunNo: | **212611** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **126395** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **1/2/2026** | SeqNo: | **7332312** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | **LCS-126395** | SampType: | **LCS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/31/2025** | RunNo: | **212611** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **126395** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **1/2/2026** | SeqNo: | **7332313** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 96.250 | 5.8 | 20 | 100.0 | 0 | 96.2 | 85 | 115 | | | | |

| Sample ID | **N080092-001B-MS** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/31/2025** | RunNo: | **212611** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126395** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **1/2/2026** | SeqNo: | **7332317** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 284.880 | 5.8 | 20 | 100.0 | 192.4 | 92.5 | 75 | 125 | | | | |

| Sample ID | **N080092-001B-MSD** | SampType: | **MSD** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/31/2025** | RunNo: | **212611** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126395** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **1/2/2026** | SeqNo: | **7332318** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 285.840 | 5.8 | 20 | 100.0 | 192.4 | 93.5 | 75 | 125 | 284.9 | 0.336 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

| Sample ID | MB-126394 | SampType: | MBLK | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212612 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126394 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332643 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-126394 | SampType: | LCS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212612 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126394 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332644 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 94.410 | 5.8 | 20 | 100.0 | 0 | 94.4 | 85 | 115 | | | | |

| Sample ID | N080092-001C-MS | SampType: | MS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212612 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126394 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332648 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 287.890 | 5.8 | 20 | 100.0 | 195.0 | 92.8 | 75 | 125 | | | | |

| Sample ID | N080092-001C-MSD | SampType: | MSD | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212612 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126394 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332649 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 285.420 | 5.8 | 20 | 100.0 | 195.0 | 90.4 | 75 | 125 | 287.9 | 0.862 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | N080092-001B-PS | SampType: | PS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | | RunNo: | 212611 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126395 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332316 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 284.720 | 5.8 | 20 | 100.0 | 192.4 | 92.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WPGEPPB**

| Sample ID | N080092-001C-PS | SampType: | PS | TestCode: | 6010_WPGE | Units: | µg/L | Prep Date: | | RunNo: | 212612 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126394 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 1/2/2026 | SeqNo: | 7332647 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 293.050 | 5.8 | 20 | 100.0 | 195.0 | 98.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N080092 / N080093
Test Method: EPA 6010B
Analysis Date: 1/2/2026

Matrix: Groundwater
Batch No.: 126395

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N080092-001B DT 5x | Iron | Fe | µg/L | 222.75 | NA | 192.39 | 15.78% | 10 |

01/15/2026

Note: NA - Not Applicable

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N080092 |
| Test Method: | EPA 6010B |
| Analysis Date: | 1/2/2026 |
| Matrix: | Groundwater |
| Batch No.: | 126394 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP4 |
| Instrument Description: | Agilent 5800VDV |

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N080092-001C DT 5x | Iron | Fe | µg/L | 219.1 | NA | 195.05 | 12.33% | 10 |

01/15/2026

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PTI-1D-1225 |
| **Lab Order:** | N080092 | | |
| **Project:** | PG&E Topock - PCM, 30211191 | **Collection Date:** | 12/23/2025 8:30:00 AM |
| **Lab ID:** | N080092-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251231A** | QC Batch: **126392** | | | PrepDate: | **12/31/2025** | | Analyst: **DJ** |
| Manganese | 640 | 0.46 | 5.0 | | µg/L | 10 | 12/31/2025 02:14 PM |
| **TOTAL METALS BY ICPMS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251231C** | QC Batch: **126393** | | | PrepDate: | **12/31/2025** | | Analyst: **DJ** |
| Manganese | 630 | 0.46 | 5.0 | | µg/L | 10 | 12/31/2025 02:55 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **MB-126392** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/31/2025** | RunNo: **212573** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **126392** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7329279** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID **LCS-126392** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/31/2025** | RunNo: **212573** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **126392** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7329280** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 92.122 | 0.046 | 0.50 | 100.0 | 0 | 92.1 | 85 | 115 | | | | |

| Sample ID **N080092-001B-MS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/31/2025** | RunNo: **212573** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126392** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7329306** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 735.418 | 0.46 | 5.0 | 100.0 | 638.8 | 96.6 | 75 | 125 | | | | |

| Sample ID **N080092-001B-MSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/31/2025** | RunNo: **212573** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **126392** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/31/2025** | SeqNo: **7329307** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 722.341 | 0.46 | 5.0 | 100.0 | 638.8 | 83.5 | 75 | 125 | 735.4 | 1.79 | 20 | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

| Sample ID | MB-126393 | SampType: | MBLK | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212580 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126393 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7329491 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 0.056 | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-126393 | SampType: | LCS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212580 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126393 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7329492 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 91.191 | 0.046 | 0.50 | 100.0 | 0 | 91.2 | 85 | 115 | | | | |

| Sample ID | N080092-001C-MS | SampType: | MS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212580 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126393 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7329515 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 751.898 | 0.46 | 5.0 | 100.0 | 627.5 | 124 | 75 | 125 | | | | |

| Sample ID | N080092-001C-MSD | SampType: | MSD | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | 12/31/2025 | RunNo: | 212580 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126393 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7329516 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 758.269 | 0.46 | 5.0 | 100.0 | 627.5 | 131 | 75 | 125 | 751.9 | 0.844 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N080092-001B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212573**
Client ID: **ZZZZZZ** Batch ID: **126392** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/31/2025** SeqNo: **7329305**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1568.746 | 0.46 | 5.0 | 1000 | 638.8 | 93.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N080092
**Project:** PG&E Topock - PCM, 30211191

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_W_TPK**

| Sample ID | N080092-001C-PS | SampType: | PS | TestCode: | 6020_W_TPK | Units: | µg/L | Prep Date: | | RunNo: | 212580 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126393 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/31/2025 | SeqNo: | 7329514 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1539.267 | 0.46 | 5.0 | 1000 | 627.5 | 91.2 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N080092 / N080093
Test Method: EPA 6020
Analysis Date: 12/31/2025

Matrix: Groundwater
Batch No.: 126392

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N080092-001B DT 50x | Manganese | Mn | µg/L | 649.5175 | PASS | 638.7928 | 1.68% | 10 |

01/15/2026

Note: NA - Not Applicable

01/15/26 11:13

N080092_6020_126392_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N080092 / N080092
Test Method: EPA 6020
Analysis Date: 12/31/2025

Matrix: Groundwater
Batch No.: 126393

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N080092-001C DT 50x | Manganese | Mn | µg/L | 589.6015 | PASS | 627.5115 | 6.04% | 10 |

01/15/2026

Note: NA - Not Applicable

01/15/26 11:14

N080092_6020_126393_DT

ARCUS02 C: 1/14/2025 12:00 AM
FOLDER R: 12/30/2025
N080092-002A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requ |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 916-786-3302 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: | Phone: 916-786-3302 Fax: | Phone: +1 949 293-2445 Fax: | Others ✓ |
| Title: Environmental Tech | | | Specify: RWQCB |
| Signature: Date: 12-23-25 | Sampled By: Cameron Stone | | Global ID: |
| *I hereby authorize ASSET Labs to perform the tests indicated below.* | *I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.* | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 12-23-25 | | |
| Project Number: 30211191 | | | |

| RTNE | |
|---|---|
| RWQCB | ✓ |
| CalTrans | |
| LEVEL III | |
| LEVEL IV | |
| Regulatory | |
| Specify State: | |

| | Y | N |
|---|---|---|
| 1. Chilled | | |
| 2. Headspace | | |
| 3. Container Intact | | |
| 4. Seal Present | | |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 1.3°C

Courier: ASSET

Tracking No.:

Matrix: Ground X | Sediment | Potable | Soil | NPDES | Other Solid | Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH 250 mL poly | Nitrite, Nitrate, sulfate (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 Iron, Manganese 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Dissolved metals (SW6020) FF; HNO3 Selenium, Molybdenum 500mL poly | Total Organic Carbon (SM5310C); H2SO4 3x40 mL VOA | Total metals (SW6010) No filter; HNO3 Total Iron and manganese 500mL poly | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 125 mL poly | Nitrate, sulfate (EPA 300.0) 1 L poly | Nitrate (EPA 300.0) 1 L poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N080092-001 | PTI-1D-1225 | 12/23/2025 | | | X | | X | | | | X | | | | E | 3 | P | BNS | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Received by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Cameron Stone | 12/30/25 1320 | RECEPTION | 12/30/25 @1320 |
| RECEPTION | 12/30/25 @1530 | Marcus Martin Marcus Martin | 12/30/25 |
| | | | |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B | (NH4)2SO4/NH4OH | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

Terms

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/30/2025 | Workorder: | N080092 |
| Rep sample Temp (Deg C): | 1.3 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | NA | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☑ | No ☐ | NA ☐ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments: Collection time taken from labels

For:

Checklist Completed By: MRC Vaughn Mariano 1/15/2026

Reviewed By: MBC

# ASSET Laboratories

## WORK ORDER Summary

*31-Dec-25*

**WorkOrder:** N080092

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30211191 **QC Level:** Level IV **Date Received:** 12/30/2025 3:30 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N080092-001A | PTI-1D-1225 | 12/23/2025 8:30:00 AM | 1/15/2026 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N080092-001B | | | 1/15/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N080092-001C | | | 1/15/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 6010B | TOTAL METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 1/15/2026 | | EPA 6020 | TOTAL METALS BY ICPMS | ☐ | ☐ | ☐ | WW |
| N080092-002A | FOLDER | 1/15/2026 | 1/15/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 1/15/2026 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 1/15/2026 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 30, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079691

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 11, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079691

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

## ASSET Laboratories

**Date:** *30-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079691
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079691-001A | MW-78-070-1225 | Groundwater | 12/11/2025 11:11:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-001B | MW-78-070-1225 | Groundwater | 12/11/2025 11:11:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-001C | MW-78-070-1225 | Groundwater | 12/11/2025 11:11:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-001D | MW-78-070-1225 | Groundwater | 12/11/2025 11:11:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-002A | MW-933-Q425 | Groundwater | 12/11/2025 11:21:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-002B | MW-933-Q425 | Groundwater | 12/11/2025 11:21:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-002C | MW-933-Q425 | Groundwater | 12/11/2025 11:21:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-002D | MW-933-Q425 | Groundwater | 12/11/2025 11:21:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-003A | MW-78-142-1225 | Groundwater | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-003B | MW-78-142-1225 | Groundwater | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-003C | MW-78-142-1225 | Groundwater | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-003D | MW-78-142-1225 | Groundwater | 12/11/2025 10:33:00 AM | 12/11/2025 | 12/30/2025 |
| N079691-004A | MW-77-187-1225 | Groundwater | 12/11/2025 9:46:00 AM | 12/11/2025 | 12/30/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:11:00 AM |
| **Lab ID:** | N079691-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 09:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-933-Q425 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:21:00 AM |
| **Lab ID:** | N079691-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.0 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 10:30 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079691-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 140 | 1.9 | 10 | | µg/L | 50 | 12/15/2025 01:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-77-187-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 9:46:00 AM |
| **Lab ID:** | N079691-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 10:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **MB-R211873** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | | | | RunNo: **211873** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | | | | SeqNo: **7286864** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID **LCS-R211873** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | | | | RunNo: **211873** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | | | | SeqNo: **7286865** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Hexavalent Chromium | 5.031 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID **N079690-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | | | | RunNo: **211873** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | | | | SeqNo: **7286868** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Hexavalent Chromium | 51.790 | 0.19 | 1.0 | 25.00 | 26.22 | 102 | 90 | 110 | | | | |

| Sample ID **N079690-008AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | | | | RunNo: **211873** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | | | | SeqNo: **7286870** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Hexavalent Chromium | 35.898 | 0.19 | 1.0 | 25.00 | 10.97 | 99.7 | 90 | 110 | | | | |

| Sample ID **N079690-008ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | | | | RunNo: **211873** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | | | | SeqNo: **7286871** | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Hexavalent Chromium | 11.125 | 0.19 | 1.0 | | | | | | 10.97 | 1.43 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079690-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286872 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 52.307 | 0.19 | 1.0 | 25.00 | 26.22 | 104 | 90 | 110 | 51.79 | 0.993 | 20 | | | |

| Sample ID | N079691-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286876 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 384.160 | 1.9 | 10 | 250.0 | 135.7 | 99.4 | 90 | 110 | | | | | | |

| Sample ID | N079690-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286880 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.532 | 0.039 | 0.20 | 1.000 | 0.5399 | 99.2 | 90 | 110 | | | | | | |

| Sample ID | N079690-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286882 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079690-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286886 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 3.730 | 0.039 | 0.20 | 1.000 | 2.814 | 91.7 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286890**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.790 | 0.039 | 0.20 | 1.000 | 2.701 | 109 | 90 | 110 | | | | |

Sample ID **N079690-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 22.824 | 0.19 | 1.0 | 5.000 | 17.91 | 98.3 | 90 | 110 | | | | |

Sample ID **N079717-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286902**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 35.908 | 0.19 | 1.0 | 25.00 | 11.24 | 98.7 | 90 | 110 | | | | |

Sample ID **N079717-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286904**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.016 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N079717-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.254 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286911**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 11.620 | 0.19 | 1.0 | 5.000 | 6.890 | 94.6 | 90 | 110 | | | | |

Sample ID **N079691-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286913**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.877 | 0.19 | 1.0 | 5.000 | 0.9130 | 99.3 | 90 | 110 | | | | |

Sample ID **N079691-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286917**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.754 | 0.19 | 1.0 | 5.000 | 1.002 | 95.0 | 90 | 110 | | | | |

Sample ID **N079691-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286919**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID **N079717-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286920**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.497 | 0.19 | 1.0 | 5.000 | 1.156 | 107 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079717-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286921**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.484 | 0.19 | 1.0 | 5.000 | 1.180 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:11:00 AM |
| **Lab ID:** | N079691-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** | QC Batch: **R211821** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 250 | 17 | 25 | | mg/L | 50 | 12/15/2025 03:59 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 10:52 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-933-Q425 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:21:00 AM |
| **Lab ID:** | N079691-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** | QC Batch: **R211821** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 250 | 17 | 25 | | mg/L | 50 | 12/15/2025 04:48 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 11:08 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079691-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251215A** | QC Batch: **R211821** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 350 | 17 | 25 | | mg/L | 50 | 12/15/2025 05:05 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251212A** | QC Batch: **R211704** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/12/2025 11:25 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211821_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211821 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7284220 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211821_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211821 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7284221 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.933 | 0.34 | 0.50 | 4.000 | 0 | 98.3 | 90 | 110 | | | | | |

| Sample ID | N079699-001BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211821 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7284223 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 739.080 | 34 | 50 | | | | | | 738.2 | 0.116 | 20 | | |

| Sample ID | N079699-001BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211821 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7284224 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 1129.840 | 34 | 50 | 400.0 | 738.2 | 97.9 | 80 | 120 | | | | | |

| Sample ID | N079699-001BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211821 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7284225 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 1132.880 | 34 | 50 | 400.0 | 738.2 | 98.7 | 80 | 120 | 1130 | 0.269 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N079692-005DMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211821 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211821 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/15/2025 | SeqNo: | 7284239 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 696.830 | 17 | 25 | 200.0 | 498.1 | 99.4 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211704_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276086 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211704_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276087 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.245 | 0.024 | 0.050 | 1.250 | 0 | 99.6 | 90 | 110 | | | | | |

| Sample ID | N079690-001BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276092 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.420 | 0.24 | 0.50 | 12.50 | 0.3770 | 96.3 | 80 | 120 | | | | | |

| Sample ID | N079690-001BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276093 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.478 | 0.24 | 0.50 | 12.50 | 0.3770 | 96.8 | 80 | 120 | 12.42 | 0.466 | 20 | | |

| Sample ID | N079690-005BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211704 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7276095 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 3.647 | 0.24 | 0.50 | | | | | | 3.628 | 0.522 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079690-005BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211704 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211704 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/12/2025 | SeqNo: | 7276098 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 16.037 | 0.24 | 0.50 | 12.50 | 3.628 | 99.3 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:11:00 AM |
| **Lab ID:** | N079691-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 04:31 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-933-Q425 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:21:00 AM |
| **Lab ID:** | N079691-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 05:00 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079691-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 05:10 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125974** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283321** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.969 | 0.090 | 1.0 | 5.000 | 0 | 99.4 | 85 | 115 | | | | |

| Sample ID **MB-125974** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283322** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N079691-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283324** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.513 | 0.090 | 1.0 | 5.000 | 0.4965 | 100 | 75 | 125 | | | | |

| Sample ID **N079691-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283325** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.532 | 0.090 | 1.0 | 5.000 | 0.4965 | 101 | 75 | 125 | 5.513 | 0.344 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:11:00 AM |
| **Lab ID:** | N079691-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:07 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-933-Q425 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:21:00 AM |
| **Lab ID:** | N079691-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:25 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079691-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **MB-126130** | SampType: | **MBLK** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309927** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | **LCS1-126130** | SampType: | **LCS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309928** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 100.300 | 5.8 | 20 | 100.0 | 0 | 100 | 85 | 115 | | | | |

| Sample ID | **N079691-001C-MS1** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309935** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.710 | 5.8 | 20 | 100.0 | 13.74 | 100 | 75 | 125 | | | | |

| Sample ID | **N079691-001C-MSD** | SampType: | **MSD** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309938** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.690 | 5.8 | 20 | 100.0 | 13.74 | 110 | 75 | 125 | 113.7 | 8.41 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079691-001C-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309934** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.200 | 5.8 | 20 | 100.0 | 13.74 | 88.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079589 / N079691
Test Method: EPA 6010B
Analysis Date: 12/21/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 13.74 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-070-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:11:00 AM |
| **Lab ID:** | N079691-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218M** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/19/2025 12:15 PM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 12:15 PM |
| Manganese | 320 | 0.46 | 5.0 | | µg/L | 10 | 12/21/2025 05:08 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-933-Q425 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 11:21:00 AM |
| **Lab ID:** | N079691-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251228A** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/29/2025 01:42 AM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 12:21 PM |
| Manganese | 320 | 0.46 | 5.0 | | µg/L | 10 | 12/21/2025 05:14 PM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-78-142-1225 |
| **Lab Order:** | N079691 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/11/2025 10:33:00 AM |
| **Lab ID:** | N079691-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251228A** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.97 | 0.067 | 0.10 | | µg/L | 1 | 12/29/2025 01:47 AM |
| Barium | 29 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 12:27 PM |
| Manganese | 3.5 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 12:27 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125963 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303149 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125963 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303150 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 10.692 | 0.050 | 1.0 | 10.00 | 0 | 107 | 85 | 115 | | | | |
| Manganese | 106.935 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N079652-013BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303163 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 58.550 | 0.050 | 1.0 | 10.00 | 49.76 | 87.9 | 75 | 125 | | | | |
| Manganese | 102.335 | 0.046 | 0.50 | 100.0 | 0 | 102 | 75 | 125 | | | | |

| Sample ID | N079652-013BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303164 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 57.913 | 0.050 | 1.0 | 10.00 | 49.76 | 81.5 | 75 | 125 | 58.55 | 1.09 | 20 | |
| Manganese | 103.186 | 0.046 | 0.50 | 100.0 | 0 | 103 | 75 | 125 | 102.3 | 0.827 | 20 | |

| Sample ID | MB-125963 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317324 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125963 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317324 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |

| Sample ID | LCS-125963 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317325 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.292 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID | N079652-013BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317338 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.751 | 0.067 | 0.10 | 10.00 | 1.046 | 107 | 75 | 125 | | | | |

| Sample ID | N079652-013BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317339 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.478 | 0.067 | 0.10 | 10.00 | 1.046 | 104 | 75 | 125 | 11.75 | 2.35 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079691
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079652-013B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303162 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 56.211 | 0.050 | 1.0 | 10.00 | 49.76 | 64.5 | 80 | 120 | | | | S |
| Manganese | 100.822 | 0.046 | 0.50 | 100.0 | 0 | 101 | 80 | 120 | | | | |

| Sample ID | N079652-013B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317337 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.848 | 0.067 | 0.10 | 10.00 | 1.046 | 98.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652 / N079653 / N079691
Test Method: EPA 6020
Analysis Date: 12/18/2025

Matrix: Groundwater
Batch No.: 125963

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn, Mo, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079652-013B DT 5x | Barium | Ba | µg/L | 44.94598 | PASS | 49.75894 | 9.67% | 10 |
| N079652-013B DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079652-013B DT 5x | Molybdenum | Mo | µg/L | 6.479796 | NA | 7.712028 | 15.98% | 10 |
| N079652-013B DT 5x | Selenium | Se | µg/L | 8.956255 | NA | 9.639429 | 7.09% | 10 |

12/30/2025

Note: NA - Not Applicable

12/30/25 15:54

N079652_6020_125963_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652 / N079653 / N079691
Test Method: EPA 6020
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 125963

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079652-013B DT 5x | Arsenic | As | µg/L | 0.9303561 | NA | 1.045558 | 11.02% | 10 |

12/30/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ARCUS02 C: 12/29/202 12:00 AM
FOLDER R: 12/11/2025
N079691-005A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD: Excel EDD; Geotracker; Labspec; Others ✓ (Specify: RWQCB) |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | RWQCB ✓; CalTrans; LEVEL III; LEVEL IV; Regulatory |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | 1. Chilled ✓; 2. Headspace; 3. Container Intact ✓; 4. Seal Present; 5. IR number 4 |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Global ID: Specify State: |
| Submitted By: Nam Ty | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | 6. Method of Cooling: ICE |
| Title: PM | | | Sample Temp: 1.8°C |
| Signature: Date: 12/11/25 | Sampled By: Nam Ty | | Courier: ASSET |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | Tracking No.: |
| Project Name: PG&E Topock - PCM | Signature: Date: 12/11/25 | | |
| Project Number: 30251660 | | | |

Matrix: Ground X; Potable; NPDES; Surface; Sediment; Soil; Other Solid

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079691-001 | MW-78-070-1225 | 12/11/2025 | 11:11 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 2 | -002 | MW-933-Q425 | 12/11/2025 | 11:21 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 3 | -003 | MW-78-142-1225 | 12/11/2025 | 10:33 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 4 | -004 | MW-77-187-1225 | 12/11/2025 | 9:46 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Nam Ty Date/Time: 12/11/25

Relinquished by (Signature and Printed Name): RICARDO ALCANTARA 12/11/25 1953

Relinquished by (Signature and Printed Name): Date/Time:

Received by (Signature and Printed Name): Date/Time:

Received by (Signature and Printed Name): RICARDO ALCANTARA 12/11/25 1620

Received by (Signature and Printed Name): M MARIANO 12/11/25 1953

Received by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [x] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

**Preservatives:**

| | | | |
|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | |
| Others/Specify: | B (NH4)2SO4/NH4OH | | |

**Container Type:**

| | | |
|---|---|---|
| T=Tube | V=VOA | P=Pint |
| J=Jar | B=Tedlar | G=Glass |
| M=Metal | M=Metal | C=Can |

**Terms**

1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/11/2025 Workorder: N079691

Rep sample Temp (Deg C): 1.8 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano
12/12/2025

For:

Reviewed By: MBC Mary Ann Yarra
12/15/2025

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079691

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079691-001A | MW-78-070-1225 | 12/11/2025 11:11:00 AM | 12/29/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079691-001B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079691-001C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079691-001D | | | 12/29/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/29/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079691-002A | MW-933-Q425 | 12/11/2025 11:21:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079691-002B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079691-002C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079691-002D | | | 12/29/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/29/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079691-003A | MW-78-142-1225 | 12/11/2025 10:33:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079691-003B | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079691-003C | | | 12/29/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079691

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/11/2025 7:53 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079691-003C | MW-78-142-1225 | 12/11/2025 10:33:00 AM | 12/29/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/29/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079691-003D | | | 12/29/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/29/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079691-004A | MW-77-187-1225 | 12/11/2025 9:46:00 AM | 12/29/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079691-005A | FOLDER | 12/29/2025 | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/29/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/29/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 31, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079717

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 12, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for sample N079717-005 due to matrix interference. Sample was analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Sample was reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 6020_Dissolved:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Chromium in QC samples N079785-004BMS and N079785-004BMS since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *31-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079717
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079717-001A | MW-927-Q425 | Groundwater | 12/12/2025 9:08:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-001B | MW-927-Q425 | Groundwater | 12/12/2025 9:08:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-002A | TW-04-Q425 | Groundwater | 12/12/2025 8:58:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-002B | TW-04-Q425 | Groundwater | 12/12/2025 8:58:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-003A | MW-46-175-1225 | Groundwater | 12/12/2025 7:55:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-004A | EB-751-Q425 | Groundwater | 12/12/2025 9:18:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-005A | MW-107-041-1225 | Groundwater | 12/12/2025 8:58:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-005B | MW-107-041-1225 | Groundwater | 12/12/2025 8:58:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-005C | MW-107-041-1225 | Groundwater | 12/12/2025 8:58:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-006A | MW-107-076-1225 | Groundwater | 12/12/2025 8:35:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-006B | MW-107-076-1225 | Groundwater | 12/12/2025 8:35:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-006C | MW-107-076-1225 | Groundwater | 12/12/2025 8:35:00 AM | 12/12/2025 | 12/31/2025 |
| N079717-007A | EB-752-Q425 | Groundwater | 12/12/2025 9:13:00 AM | 12/12/2025 | 12/31/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-107-041-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:58:00 AM |
| **Lab ID:** | N079717-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251215E** | QC Batch: **126030** | | | PrepDate: | **12/15/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 18000 | 500 | 500 | | mg/L | 1 | 12/15/2025 12:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** MW-107-076-1225
**Lab Order:** N079717
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 12/12/2025 8:35:00 AM
**Lab ID:** N079717-006
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL FILTERABLE RESIDUE** | | | | | | | |
| | | | **SM2540C** | | | | |
| RunID: **NV00922-WC_251215E** | QC Batch: **126030** | | | | PrepDate: **12/15/2025** | | Analyst: **LGS** |
| Total Dissolved Solids (Residue, Filterable) | 6200 | 100 | 100 | | mg/L | 1 | 12/15/2025 12:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 160.1_2540C_WPGE**

| Sample ID | LCS-126030 | SampType: | LCS | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/15/2025 | RunNo: | 211859 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126030 | TestNo: | SM2540C | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286068 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 978.000 | 10 | 10 | 1000 | 0 | 97.8 | 80 | 120 | | | | |

| Sample ID | MB-126030 | SampType: | MBLK | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/15/2025 | RunNo: | 211859 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126030 | TestNo: | SM2540C | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286069 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | ND | 10 | 10 | | | | | | | | | |

| Sample ID | N079717-005CDUP | SampType: | DUP | TestCode: | 160.1_2540C | Units: | mg/L | Prep Date: | 12/15/2025 | RunNo: | 211859 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126030 | TestNo: | SM2540C | | | Analysis Date: | 12/15/2025 | SeqNo: | 7286073 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids (Residue, Filtera | 18800.000 | 500 | 500 | | | | | | 18250 | 2.97 | 5 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-927-Q425 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 9:08:00 AM |
| **Lab ID:** | N079717-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.2 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 06:15 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 1.7 | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 12:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-04-Q425 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:58:00 AM |
| **Lab ID:** | N079717-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.2 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 06:53 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | 1.6 | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 12:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-46-175-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 7:55:00 AM |
| **Lab ID:** | N079717-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 11 | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 07:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-751-Q425 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 9:18:00 AM |
| **Lab ID:** | N079717-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/15/2025 07:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-107-041-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:58:00 AM |
| **Lab ID:** | N079717-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251216A** | QC Batch: **R211939** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/16/2025 09:33 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 12:40 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-107-076-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:35:00 AM |
| **Lab ID:** | N079717-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251215A** | QC Batch: **R211873** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/15/2025 09:05 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223E** | QC Batch: **126131** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/24/2025 12:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-752-Q425 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 9:13:00 AM |
| **Lab ID:** | N079717-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251216A** | QC Batch: **R211939** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/16/2025 11:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **MB-R211873** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211873** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | SeqNo: **7286864** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID **LCS-R211873** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211873** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | SeqNo: **7286865** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.031 | 0.039 | 0.20 | 5.000 | 0 | 101 | 90 | 110 | | | | |

| Sample ID **N079690-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211873** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | SeqNo: **7286868** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 51.790 | 0.19 | 1.0 | 25.00 | 26.22 | 102 | 90 | 110 | | | | |

| Sample ID **N079690-008AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211873** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | SeqNo: **7286870** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 35.898 | 0.19 | 1.0 | 25.00 | 10.97 | 99.7 | 90 | 110 | | | | |

| Sample ID **N079690-008ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211873** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211873** | TestNo: **EPA 218.6** | | Analysis Date: **12/15/2025** | SeqNo: **7286871** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 11.125 | 0.19 | 1.0 | | | | | | 10.97 | 1.43 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079690-005AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286872 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 52.307 | 0.19 | 1.0 | 25.00 | 26.22 | 104 | 90 | 110 | 51.79 | 0.993 | 20 | | | |

| Sample ID | N079691-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286876 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 384.160 | 1.9 | 10 | 250.0 | 135.7 | 99.4 | 90 | 110 | | | | | | |

| Sample ID | N079690-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286880 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.532 | 0.039 | 0.20 | 1.000 | 0.5399 | 99.2 | 90 | 110 | | | | | | |

| Sample ID | N079690-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286882 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.051 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | | | |

| Sample ID | N079690-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211873 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211873 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/15/2025 | | SeqNo: | 7286886 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 3.730 | 0.039 | 0.20 | 1.000 | 2.814 | 91.7 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-007AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286890**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.790 | 0.039 | 0.20 | 1.000 | 2.701 | 109 | 90 | 110 | | | | |

Sample ID **N079690-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286892**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 22.824 | 0.19 | 1.0 | 5.000 | 17.91 | 98.3 | 90 | 110 | | | | |

Sample ID **N079717-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286902**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 35.908 | 0.19 | 1.0 | 25.00 | 11.24 | 98.7 | 90 | 110 | | | | |

Sample ID **N079717-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286904**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.016 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N079717-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286910**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.254 | 0.19 | 1.0 | 5.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079690-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286911**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 11.620 | 0.19 | 1.0 | 5.000 | 6.890 | 94.6 | 90 | 110 | | | | |

Sample ID **N079691-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286913**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.877 | 0.19 | 1.0 | 5.000 | 0.9130 | 99.3 | 90 | 110 | | | | |

Sample ID **N079691-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286917**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.754 | 0.19 | 1.0 | 5.000 | 1.002 | 95.0 | 90 | 110 | | | | |

Sample ID **N079691-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286919**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.220 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | |

Sample ID **N079717-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286920**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.497 | 0.19 | 1.0 | 5.000 | 1.156 | 107 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079717-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211873**
Client ID: **ZZZZZZ** Batch ID: **R211873** TestNo: **EPA 218.6** Analysis Date: **12/15/2025** SeqNo: **7286921**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 6.484 | 0.19 | 1.0 | 5.000 | 1.180 | 106 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211939 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291283 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211939 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291284 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 4.824 | 0.039 | 0.20 | 5.000 | 0 | 96.5 | 90 | 110 | | | | | |

| Sample ID | N079717-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291288 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 0.984 | 0.039 | 0.20 | 1.000 | 0 | 98.4 | 90 | 110 | | | | | |

| Sample ID | N079757-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291296 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.628 | 0.039 | 0.20 | 1.000 | 0.6949 | 93.3 | 90 | 110 | | | | | |

| Sample ID | N079757-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291297 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 43.023 | 0.19 | 1.0 | 25.00 | 17.84 | 101 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079757-001AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291298 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 43.719 | 0.19 | 1.0 | 25.00 | 17.84 | 104 | 90 | 110 | 43.02 | 1.61 | 20 | | | |

| Sample ID | N079757-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291300 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 573.865 | 1.9 | 10 | 250.0 | 325.3 | 99.4 | 90 | 110 | | | | | | |

| Sample ID | N079757-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291304 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.089 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079653-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291306 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.869 | 0.039 | 0.20 | 1.000 | 0.8025 | 107 | 90 | 110 | | | | | | |

| Sample ID | N079755-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211939 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211939 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/16/2025 | | SeqNo: | 7291308 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.348 | 0.039 | 0.20 | 1.000 | 0.2524 | 110 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079755-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291310**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.144 | 0.039 | 0.20 | 1.000 | 0.1822 | 96.2 | 90 | 110 | | | | |

Sample ID **N079756-003ADUP** SampType: **DUP** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291313**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.182 | 0.039 | 0.20 | | | | | | 1.144 | 3.25 | 20 | |

Sample ID **N079755-001AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291317**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.568 | 0.039 | 0.20 | 1.000 | 0.6532 | 91.5 | 90 | 110 | | | | |

Sample ID **N079690-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291319**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 5.012 | 0.19 | 1.0 | 5.000 | 0 | 100 | 90 | 110 | | | | |

Sample ID **N079717-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211939**
Client ID: **ZZZZZZ** Batch ID: **R211939** TestNo: **EPA 218.6** Analysis Date: **12/16/2025** SeqNo: **7291321**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.606 | 0.19 | 1.0 | 5.000 | 0 | 92.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-126131 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212350 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 126131 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317628 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-126131 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212350 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 126131 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317629 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.344 | 0.13 | 1.0 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID | N079785-004BMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126131 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322368 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 629.161 | 1.3 | 10 | 10.00 | 538.7 | 905 | 75 | 125 | | | | S |

| Sample ID | N079785-004BMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/18/2025 | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126131 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322370 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 627.263 | 1.3 | 10 | 10.00 | 538.7 | 886 | 75 | 125 | 629.2 | 0.302 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | N079785-004B-PS | SampType: | PS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | | RunNo: | 212426 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 126131 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/26/2025 | SeqNo: | 7322366 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 655.976 | 1.3 | 10 | 100.0 | 538.7 | 117 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079717 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/26/2025 |
| Matrix: | Groundwater |
| Batch No.: | 126131 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079785-004B DT 50x | Chromium | Cr | µg/L | 528.4095 | PASS | 538.6797 | 1.91% | 10 |

01/02/2026

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-107-041-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:58:00 AM |
| **Lab ID:** | N079717-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | 1000 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:32 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-107-076-1225 |
| **Lab Order:** | N079717 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/12/2025 8:35:00 AM |
| **Lab ID:** | N079717-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251221J** | QC Batch: **126130** | | | PrepDate: | **12/18/2025** | | Analyst: **DJ** |
| Iron | 21 | 5.8 | 20 | | µg/L | 1 | 12/21/2025 10:39 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **MB-126130** | SampType: | **MBLK** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309927** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | **LCS1-126130** | SampType: | **LCS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309928** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 100.300 | 5.8 | 20 | 100.0 | 0 | 100 | 85 | 115 | | | | |

| Sample ID | **N079691-001C-MS1** | SampType: | **MS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309935** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 113.710 | 5.8 | 20 | 100.0 | 13.74 | 100 | 75 | 125 | | | | |

| Sample ID | **N079691-001C-MSD** | SampType: | **MSD** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | **12/18/2025** | RunNo: | **212190** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **126130** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/21/2025** | SeqNo: | **7309938** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 123.690 | 5.8 | 20 | 100.0 | 13.74 | 110 | 75 | 125 | 113.7 | 8.41 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079717
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079691-001C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **212190** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **126130** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/21/2025** | SeqNo: **7309934** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.200 | 5.8 | 20 | 100.0 | 13.74 | 88.5 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079717
Test Method: EPA 6010B
Analysis Date: 12/21/2025

Matrix: Groundwater
Batch No.: 126130

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079691-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 13.74 | 100.00% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 12/29/202 12:00 AM
FOLDER R: 12/12/2025
N079717-008A 1 of 1

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | |
| Submitted By: Nam Ty | | Phone: 949 293-2445 Fax: | |
| Title: PM | Phone: 720-344-3771 Fax: | | |
| Signature: Date: 12/12/25 | Sampled By: Nam Ty | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 12/12/25 | | |
| Project Number: 30251660 | | | |

*I hereby authorize ASSET Labs to perform the tests indicated below.*

*I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for*

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| | | |
|---|---|---|
| Excel EDD | | RTNE |
| Geotracker | | RWQCB ✓ |
| Labspec | | CalTrans |
| Others | ✓ | LEVEL III |
| Specify: RWQCB | | LEVEL IV |
| Global ID: | | Regulatory |
| | | Specify State: |

| | Y | N |
|---|---|---|
| 1. Chilled | ✓ | |
| 2. Headspace | | - |
| 3. Container Intact | ✓ | |
| 4. Seal Present | | |
| 5. IR number | 4 | |
| 6. Method of Cooling: ICE | | |
| Sample Temp: 1-9 °C | | |

Courier: ASSET

Tracking No.:

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Total Dissolved Solids (SM2540C) (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079717-001 | MW-927-Q425 | 12/12/2025 | 9:08 | | X | | | X | | | | | | | E | 2 | P | BNS | |
| 2 | -002 | TW-04-Q425 | 12/12/2025 | 8:58 | | X | | | X | | | | | | | E | 2 | P | BNS | |
| 3 | -003 | MW-46-175-1225 | 12/12/2025 | 7:55 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 4 | -004 | EB-751-Q425 | 12/12/2025 | 09:18 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 5 | -005 | MW-107-041-1225 | 12/12/2025 | 8:58 | | X | | | X | | | | X | | X | E | 3 | P | BNS | |
| 6 | -006 | MW-107-076-1225 | 12/12/2025 | 8:35 | | X | | | X | | | | X | | X | E | 3 | P | BNS | |
| 7 | -007 | EB-752-Q425 | 12/12/2025 | ~~8:18~~ 09:13 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Nam Ty | 12/12/25 1045 | VR MARCIANO | 12/12/25 1045 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| VR MARCIANO | 12/12/25 1423 | VR MARCIANO | 12/12/25 1423 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/12/2025 | Workorder: | N079717 |
| Rep sample Temp (Deg C): | 1.9 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | N/A | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: MRC Marcus C
12/12/2025

Reviewed By: MBC For: Ian Almario
12/21/2025

# ASSET Laboratories

## WORK ORDER Summary

*21-Dec-25*

**WorkOrder:** N079717

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/12/2025 2:23 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079717-001A | MW-927-Q425 | 12/12/2025 9:08:00 AM | 12/30/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-001B | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079717-002A | TW-04-Q425 | 12/12/2025 8:58:00 AM | 12/30/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-002B | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079717-003A | MW-46-175-1225 | 12/12/2025 7:55:00 AM | 12/30/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-004A | EB-751-Q425 | 12/12/2025 9:18:00 AM | 12/30/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-005A | MW-107-041-1225 | 12/12/2025 8:58:00 AM | 12/30/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-005B | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079717-005C | | | 12/30/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/30/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |
| N079717-006A | MW-107-076-1225 | 12/12/2025 8:35:00 AM | 12/30/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-006B | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/30/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079717-006C | | | 12/30/2025 | | SM2540C | TOTAL FILTERABLE RESIDUE | ☐ | ☐ | ☐ | LGS |
| | | | 12/30/2025 | | | Total Dissolved Solids Prep | ☐ | ☐ | ☐ | LGS |

# ASSET Laboratories

## WORK ORDER Summary

*21-Dec-25*

**WorkOrder:** N079717

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/12/2025 2:23 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079717-007A | EB-752-Q425 | 12/12/2025 9:13:00 AM | 12/30/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079717-008A | FOLDER | 12/30/2025 | 12/30/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/30/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/30/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 23, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079530

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 08, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079530
**Contract No:**

## Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079530-001A | MW-76-039-1225 | Groundwater | 12/8/2025 3:34:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-001B | MW-76-039-1225 | Groundwater | 12/8/2025 3:34:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-001C | MW-76-039-1225 | Groundwater | 12/8/2025 3:34:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-001D | MW-76-039-1225 | Groundwater | 12/8/2025 3:34:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-002A | MW-76-156-1225 | Groundwater | 12/8/2025 2:46:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-002B | MW-76-156-1225 | Groundwater | 12/8/2025 2:46:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-002C | MW-76-156-1225 | Groundwater | 12/8/2025 2:46:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-002D | MW-76-156-1225 | Groundwater | 12/8/2025 2:46:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-003A | MW-76-181-1225 | Groundwater | 12/8/2025 1:44:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-003B | MW-76-181-1225 | Groundwater | 12/8/2025 1:44:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-003C | MW-76-181-1225 | Groundwater | 12/8/2025 1:44:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-003D | MW-76-181-1225 | Groundwater | 12/8/2025 1:44:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-004A | MW-76-218-1225 | Groundwater | 12/8/2025 12:45:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-004B | MW-76-218-1225 | Groundwater | 12/8/2025 12:45:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-004C | MW-76-218-1225 | Groundwater | 12/8/2025 12:45:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-004D | MW-76-218-1225 | Groundwater | 12/8/2025 12:45:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-005A | EB-738-Q425 | Groundwater | 12/8/2025 4:00:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-006A | MW-39-070-1225 | Groundwater | 12/8/2025 2:39:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-007A | MW-39-080-1225 | Groundwater | 12/8/2025 2:06:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-008A | MW-39-100-1225 | Groundwater | 12/8/2025 1:24:00 PM | 12/8/2025 | 12/23/2025 |
| N079530-009A | EB-739-Q425 | Groundwater | 12/8/2025 3:00:00 PM | 12/8/2025 | 12/23/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:34:00 PM |
| **Lab ID:** | N079530-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/9/2025 06:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:46:00 PM |
| **Lab ID:** | N079530-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/9/2025 02:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:44:00 PM |
| **Lab ID:** | N079530-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/9/2025 06:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 12:45:00 PM |
| **Lab ID:** | N079530-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/9/2025 03:34 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-738-Q425 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 4:00:00 PM |
| **Lab ID:** | N079530-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/9/2025 01:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-070-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:39:00 PM |
| **Lab ID:** | N079530-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/9/2025 01:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-080-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:06:00 PM |
| **Lab ID:** | N079530-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.1 | 0.039 | 0.20 | | µg/L | 1 | 12/9/2025 11:57 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-39-100-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:24:00 PM |
| **Lab ID:** | N079530-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 220 | 1.9 | 10 | | µg/L | 50 | 12/9/2025 11:15 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-739-Q425 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:00:00 PM |
| **Lab ID:** | N079530-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251209A** | QC Batch: **R211556** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/9/2025 03:15 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **MB-R211556** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211556** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211556** | TestNo: **EPA 218.6** | | Analysis Date: **12/9/2025** | SeqNo: **7265263** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID **LCS-R211556** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211556** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211556** | TestNo: **EPA 218.6** | | Analysis Date: **12/9/2025** | SeqNo: **7265264** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.898 | 0.039 | 0.20 | 5.000 | 0 | 98.0 | 90 | 110 | | | | |

| Sample ID **N079530-006AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211556** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211556** | TestNo: **EPA 218.6** | | Analysis Date: **12/9/2025** | SeqNo: **7265271** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.929 | 0.039 | 0.20 | 1.000 | 0 | 92.9 | 90 | 110 | | | | |

| Sample ID **N079530-005AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211556** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211556** | TestNo: **EPA 218.6** | | Analysis Date: **12/9/2025** | SeqNo: **7265273** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.031 | 0.039 | 0.20 | 1.000 | 0 | 103 | 90 | 110 | | | | |

| Sample ID **N079534-001CMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211556** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211556** | TestNo: **EPA 218.6** | | Analysis Date: **12/9/2025** | SeqNo: **7265274** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.306 | 0.039 | 0.20 | 1.000 | 0.3467 | 95.9 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079534-002CMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265275 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 12.325 | 0.039 | 0.20 | 5.000 | 7.437 | 97.8 | 90 | 110 | | | | | | |

| Sample ID | N079530-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265279 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.304 | 0.19 | 1.0 | 5.000 | 0 | 106 | 90 | 110 | | | | | | |

| Sample ID | N079530-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265281 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.089 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079530-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265283 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.116 | 0.19 | 1.0 | 5.000 | 0 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079530-004AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265284 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.878 | 0.19 | 1.0 | 5.000 | 0 | 97.6 | 90 | 110 | 5.116 | 4.76 | 20 | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079531-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265286 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.977 | 0.039 | 0.20 | 1.000 | 0 | 97.7 | 90 | 110 | | | | | | |

| Sample ID | N079531-002AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265290 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 0.959 | 0.039 | 0.20 | 1.000 | 0 | 95.9 | 90 | 110 | | | | | | |

| Sample ID | N079531-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265292 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.092 | 0.039 | 0.20 | 1.000 | 0 | 109 | 90 | 110 | | | | | | |

| Sample ID | N079530-008ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265293 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 212.225 | 1.9 | 10 | | | | | | 219.0 | 3.12 | 20 | | | |

| Sample ID | N079530-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265294 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 462.550 | 1.9 | 10 | 250.0 | 219.0 | 97.4 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079530-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265296 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 2.141 | 0.039 | 0.20 | 1.000 | 1.085 | 106 | 90 | 110 | | | | | |

| Sample ID | N079530-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265298 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.453 | 0.19 | 1.0 | 5.000 | 0 | 109 | 90 | 110 | | | | | |

| Sample ID | N079530-003AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211556 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211556 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7265302 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.161 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:34:00 PM |
| **Lab ID:** | N079530-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 340 | 17 | 25 | | mg/L | 50 | 12/9/2025 01:43 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/9/2025 10:43 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:46:00 PM |
| **Lab ID:** | N079530-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 12/9/2025 02:00 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/9/2025 10:59 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:44:00 PM |
| **Lab ID:** | N079530-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 12/9/2025 02:16 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/9/2025 11:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 12:45:00 PM |
| **Lab ID:** | N079530-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 12/9/2025 12:21 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251209A** | QC Batch: **R211528** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/9/2025 10:27 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211528_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263638 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211528_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263639 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.989 | 0.34 | 0.50 | 4.000 | 0 | 99.7 | 90 | 110 | | | | | |

| Sample ID | N079530-004BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263643 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 498.215 | 17 | 25 | 200.0 | 308.1 | 95.0 | 80 | 120 | | | | | |

| Sample ID | N079530-004BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263644 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 500.485 | 17 | 25 | 200.0 | 308.1 | 96.2 | 80 | 120 | 498.2 | 0.455 | 20 | | |

| Sample ID | N079530-003BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263648 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 310.210 | 17 | 25 | | | | | | 311.0 | 0.238 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211528_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263619 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211528_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263620 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.283 | 0.024 | 0.050 | 1.250 | 0 | 103 | 90 | 110 | | | | | |

| Sample ID | N079530-001BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263625 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.24 | 0.50 | | | | | | 0 | 0 | 20 | | |

| Sample ID | N079530-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263626 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.502 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | | | | | |

| Sample ID | N079530-004BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211528 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211528 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/9/2025 | | SeqNo: | 7263627 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.422 | 0.24 | 0.50 | 12.50 | 0 | 99.4 | 80 | 120 | 12.50 | 0.642 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:34:00 PM |
| **Lab ID:** | N079530-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251209A** | QC Batch: **125851** | | | PrepDate: | **12/9/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/9/2025 05:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:46:00 PM |
| **Lab ID:** | N079530-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251209A** | QC Batch: **125851** | | | PrepDate: | **12/9/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/9/2025 05:26 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:44:00 PM |
| **Lab ID:** | N079530-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251209A** | QC Batch: **125851** | | | PrepDate: | **12/9/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/9/2025 05:17 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 12:45:00 PM |
| **Lab ID:** | N079530-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251209A** | QC Batch: **125851** | | | PrepDate: | **12/9/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/9/2025 04:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125851** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/9/2025** | RunNo: **211639** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125851** | TestNo: **SM 5310B** | | Analysis Date: **12/9/2025** | SeqNo: **7270145** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.013 | 0.090 | 1.0 | 5.000 | 0 | 100 | 85 | 115 | | | | |

| Sample ID **MB-125851** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/9/2025** | RunNo: **211639** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125851** | TestNo: **SM 5310B** | | Analysis Date: **12/9/2025** | SeqNo: **7270146** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N079530-004DMS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/9/2025** | RunNo: **211639** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125851** | TestNo: **SM 5310B** | | Analysis Date: **12/9/2025** | SeqNo: **7270148** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.860 | 0.090 | 1.0 | 5.000 | 0.7709 | 102 | 75 | 125 | | | | |

| Sample ID **N079530-004DMSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/9/2025** | RunNo: **211639** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125851** | TestNo: **SM 5310B** | | Analysis Date: **12/9/2025** | SeqNo: **7270149** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.958 | 0.090 | 1.0 | 5.000 | 0.7709 | 104 | 75 | 125 | 5.860 | 1.66 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:34:00 PM |
| **Lab ID:** | N079530-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251211C** | QC Batch: **125868** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/11/2025 07:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:46:00 PM |
| **Lab ID:** | N079530-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251211C** | QC Batch: **125868** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Iron | 130 | 5.8 | 20 | | µg/L | 1 | 12/11/2025 07:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:44:00 PM |
| **Lab ID:** | N079530-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251211C** | QC Batch: **125868** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Iron | 210 | 5.8 | 20 | | µg/L | 1 | 12/11/2025 07:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 12:45:00 PM |
| **Lab ID:** | N079530-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251211C** | QC Batch: **125868** | | | | PrepDate: | **12/11/2025** | Analyst: **DJ** |
| Iron | 110 | 5.8 | 20 | | µg/L | 1 | 12/11/2025 07:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | MB-125868 | SampType: | MBLK | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211681 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125868 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7272124 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID | LCS-125868 | SampType: | LCS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211681 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125868 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7272125 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 106.330 | 5.8 | 20 | 100.0 | 0 | 106 | 85 | 115 | | | | |

| Sample ID | N079530-004CMS | SampType: | MS | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211681 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125868 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7272144 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 229.220 | 5.8 | 20 | 100.0 | 114.1 | 115 | 75 | 125 | | | | |

| Sample ID | N079530-004CMSD | SampType: | MSD | TestCode: | 6010_WDPG | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211681 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125868 | TestNo: | EPA 6010B | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7272147 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 233.470 | 5.8 | 20 | 100.0 | 114.1 | 119 | 75 | 125 | 229.2 | 1.84 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

Sample ID **N079530-004C-PS** SampType: **PS** TestCode: **6010_WDPG** Units: **µg/L** Prep Date: RunNo: **211681**
Client ID: **ZZZZZZ** Batch ID: **125868** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **12/11/2025** SeqNo: **7272143**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 220.120 | 5.8 | 20 | 100.0 | 114.1 | 106 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079417 / N079530/ N079531
Test Method: EPA 6010B
Analysis Date: 12/11/2025

Matrix: Groundwater
Batch No.: 125868

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079530-004C DT 5x | Iron | Fe | µg/L | 123.95 | NA | 114.07 | 8.66% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-039-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 3:34:00 PM |
| **Lab ID:** | N079530-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251210H** | QC Batch: **125849** | | | | PrepDate: | **12/9/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/11/2025 07:06 AM |
| Barium | 94 | 0.050 | 1.0 | | µg/L | 1 | 12/11/2025 07:06 AM |
| Manganese | 40 | 0.046 | 0.50 | | µg/L | 1 | 12/11/2025 07:06 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-156-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 2:46:00 PM |
| **Lab ID:** | N079530-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251210H** | QC Batch: **125849** | | | PrepDate: | **12/9/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/11/2025 07:12 AM |
| Barium | 42 | 0.050 | 1.0 | | µg/L | 1 | 12/11/2025 07:12 AM |
| Manganese | 49 | 0.046 | 0.50 | | µg/L | 1 | 12/11/2025 07:12 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-181-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 1:44:00 PM |
| **Lab ID:** | N079530-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251211B** | QC Batch: **125849** | | | PrepDate: | **12/9/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 03:20 AM |
| Barium | 52 | 0.050 | 1.0 | | µg/L | 1 | 12/11/2025 07:35 AM |
| Manganese | 120 | 0.046 | 0.50 | | µg/L | 1 | 12/11/2025 07:35 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-76-218-1225 |
| **Lab Order:** | N079530 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/8/2025 12:45:00 PM |
| **Lab ID:** | N079530-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251211B** | QC Batch: **125849** | | | PrepDate: | **12/9/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 03:14 AM |
| Barium | 63 | 0.050 | 1.0 | | µg/L | 1 | 12/11/2025 07:41 AM |
| Manganese | 26 | 0.046 | 0.50 | | µg/L | 1 | 12/11/2025 07:41 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125849 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7270108 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125849 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7270109 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.468 | 0.067 | 0.10 | 10.00 | 0 | 94.7 | 85 | 115 | | | | |
| Barium | 9.603 | 0.050 | 1.0 | 10.00 | 0 | 96.0 | 85 | 115 | | | | |
| Manganese | 106.583 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |

| Sample ID | N079530-004CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7270123 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 73.196 | 0.050 | 1.0 | 10.00 | 62.73 | 105 | 75 | 125 | | | | |
| Manganese | 127.844 | 0.046 | 0.50 | 100.0 | 25.87 | 102 | 75 | 125 | | | | |

| Sample ID | N079530-004CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7270124 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 72.857 | 0.050 | 1.0 | 10.00 | 62.73 | 101 | 75 | 125 | 73.20 | 0.464 | 20 | |
| Manganese | 127.396 | 0.046 | 0.50 | 100.0 | 25.87 | 102 | 75 | 125 | 127.8 | 0.351 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079530-004CMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7291597 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.372 | 0.067 | 0.10 | 10.00 | 0 | 104 | 75 | 125 | | | | |

| Sample ID | N079530-004CMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/9/2025 | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7291598 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.921 | 0.067 | 0.10 | 10.00 | 0 | 99.2 | 75 | 125 | 10.37 | 4.44 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079530
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079530-004C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7270122 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 72.358 | 0.050 | 1.0 | 10.00 | 62.73 | 96.3 | 80 | 120 | | | | |
| Manganese | 128.086 | 0.046 | 0.50 | 100.0 | 25.87 | 102 | 80 | 120 | | | | |

| Sample ID | N079530-004C-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211636 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125849 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/11/2025 | SeqNo: | 7291596 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.452 | 0.067 | 0.10 | 10.00 | 0 | 105 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

| | |
|---|---|
| Work Order No.: | N079530 |
| Test Method: | EPA 6020 |
| Analysis Date: | 12/10/2025 |
| Matrix: | Groundwater |
| Batch No.: | 125849 |

| | |
|---|---|
| Instrument ID: | NV00922-ICP8 (ICPMS-03) |
| Instrument Description: | Agilent 7800 |

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079530-004C DT 5x | Barium | Ba | µg/L | 63.25319 | PASS | 62.72897 | 0.84% | 10 |
| N079530-004C DT 5x | Manganese | Mn | µg/L | 25.93394 | PASS | 25.87305 | 0.24% | 10 |

12/23/2025

Note: NA - Not Applicable

12/23/25 13:56

N079530_6020_125849_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079530
Test Method: EPA 6020
Analysis Date: 12/10/2025

Matrix: Groundwater
Batch No.: 125849

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079530-004C DT 5x | Arsenic | As | µg/L | 0.3693648 | NA | 0 | | 10 |

12/23/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/23/202 12:00 AM
FOLDER R: 12/8/2025
N079530-010A 1 of 1

Page 1 of 1

| | | | | | |
|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requiren | | Y N |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD | | 1. Chilled |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker | | 2. Headspace |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec | | 3. Container Intact |
| Submitted By: Riggie Top | | | Others ✓ | | 4. Seal Present |
| Title: Field Tech | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Specify: RWQCB | | 5. IR number |
| Signature: Date: 12-08-25 | Sampled By: Riggie Top | Global ID: | Specify State: | | 6. Method of Cooling: ICE |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location date or time of collection is considered fraud and may be grounds for | | | | Sample Temp: 2.8°C |
| Project Name: PG&E Topock - PCM | Signature: Date: 12-08-25 | | | | Courier: |
| Project Number: 30251660 | | | | | Tracking No.: |

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH 250 mL poly | Nitrate as N, sulfate (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium 500mL poly | Total Organic Carbon (SM5310B); H2SO4, 250 mL Amber | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 125 mL poly | Ammonia as Nitrogen (SM4500NH3); H2SO4 1 L poly | Nitrate as N (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 Iron 500mL poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079530-001 | MW-76-039-1225 | 12/8/2025 | 1534 | | X | X | X | | | X | | | | | E | 3 | P | BNS | |
| 2 | -002 | MW-76-156-1225 | 12/8/2025 | 1446 | | X | X | X | | | X | | | | | E | 3 | P | BNS | |
| 3 | -003 | MW-76-181-1225 | 12/8/2025 | 13:44 | | X | X | X | | | X | | | | | E | 3 | P | BNS | |
| 4 | -004 | MW-76-218-1225 | 12/8/2025 ~~12:25~~ | 1245 | | X | X | X | | | X | | | | | E | 4 | P | BNS | MSMSD |
| 5 | -005 | EB-738-Q425 | 12/8/2025 | 1607 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 6 | -006 | MW-39-070-1225 | 12/8/2025 | 14:39 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 7 | -007 | MW-39-080-1225 | 12/8/2025 | 14:06 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 8 | -008 | MW-39-100-1225 | 12/8/2025 | 13:24 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 9 | -009 | EB-739-Q425 | 12/8/2025 | 15:00 | | X | | | | | | | | | | E | 1 | P | B | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Riggie Top | 12-08-25 16:10 | Romeo Arcanjo | 12/8/25 1610 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| Romeo Arcanjo | 12/8/25 1831 | Romeo Arcanjo | 12/8/25 1831 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=$Zn(AC)_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B | (NH4)2SO4/NH4OH | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/8/2025 | Workorder: | N079530 |
| Rep sample Temp (Deg C): | 2.8 | IR Gun ID: | 4 |
| Temp Blank: | ☑ Yes ☐ No | | |
| Carrier name: | ASSET | | |
| Last 4 digits of Tracking No.: | NA | Packing Material Used: | None |
| Cooling process: | ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None | | |

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

For:

Checklist Completed By: VM Vaughn Mariano
12/9/2025

Reviewed By: MBC Mary Ann Yarra
12/15/2025
For:

# ASSET Laboratories

## WORK ORDER Summary

*09-Dec-25*

**WorkOrder:** N079530

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/8/2025 6:31 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079530-001A | MW-76-039-1225 | 12/8/2025 3:34:00 PM | 12/23/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-001B | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079530-001C | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079530-001D | | | 12/23/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/23/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079530-002A | MW-76-156-1225 | 12/8/2025 2:46:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-002B | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079530-002C | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079530-002D | | | 12/23/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/23/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079530-003A | MW-76-181-1225 | 12/8/2025 1:44:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-003B | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079530-003C | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*09-Dec-25*

**WorkOrder:** N079530

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/8/2025 6:31 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079530-003C | MW-76-181-1225 | 12/8/2025 1:44:00 PM | 12/23/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079530-003D | | | 12/23/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/23/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079530-004A | MW-76-218-1225 | 12/8/2025 12:45:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079530-004B | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| | | | 12/23/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| N079530-004C | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/23/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☑ | ☐ | WW |
| | | | 12/23/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079530-004D | | | 12/23/2025 | | | Organic Carbon Prep | ☐ | ☑ | ☐ | VW |
| | | | 12/23/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☑ | ☐ | VW |
| N079530-005A | EB-738-Q425 | 12/8/2025 4:00:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-006A | MW-39-070-1225 | 12/8/2025 2:39:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-007A | MW-39-080-1225 | 12/8/2025 2:06:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-008A | MW-39-100-1225 | 12/8/2025 1:24:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-009A | EB-739-Q425 | 12/8/2025 3:00:00 PM | 12/23/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079530-010A | FOLDER | 12/23/2025 | 12/23/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/23/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/23/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 29, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079588

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 09, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

Method Blank (MB-R211591) has detect greater than 1/2 the reporting limit for Sulfate. However, samples results were greater than 5x the Method Blank detection therefore reanalysis of the samples was not necessary.

Analytical Comments for EPA 6020_Dissolved:

Sample N079588-009C was reanalyzed several times due to RSD not meeting the <15% criteria for analyte Arsenic. Arsenic 0.595 ug/L with the lowest RSD of 16.86 %. The results are comparable on all runs. See Corrective Action Report 9437.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Manganese in QC sample N079650-001B-MSD since the analyte concentration in the sample is disproportionate to the spike level. Post Spike (PS) passed acceptance criteria. The associated Laboratory Control Sample (LCS) recovery was acceptable.

## ASSET Laboratories

**Date:** *29-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079588
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079588-001A | TW-02D-1225 | Groundwater | 12/9/2025 9:46:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-001B | TW-02D-1225 | Groundwater | 12/9/2025 9:46:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-001C | TW-02D-1225 | Groundwater | 12/9/2025 9:46:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-001D | TW-02D-1225 | Groundwater | 12/9/2025 9:46:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-002A | TW-02S-1225 | Groundwater | 12/9/2025 9:09:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-002B | TW-02S-1225 | Groundwater | 12/9/2025 9:09:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-002C | TW-02S-1225 | Groundwater | 12/9/2025 9:09:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-002D | TW-02S-1225 | Groundwater | 12/9/2025 9:09:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-003A | TW-03D-1225 | Groundwater | 12/9/2025 10:20:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-003B | TW-03D-1225 | Groundwater | 12/9/2025 10:20:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-003C | TW-03D-1225 | Groundwater | 12/9/2025 10:20:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-003D | TW-03D-1225 | Groundwater | 12/9/2025 10:20:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-004A | MW-31-060-1225 | Groundwater | 12/9/2025 9:02:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-004B | MW-31-060-1225 | Groundwater | 12/9/2025 9:02:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-004C | MW-31-060-1225 | Groundwater | 12/9/2025 9:02:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-004D | MW-31-060-1225 | Groundwater | 12/9/2025 9:02:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-005A | MW-31-135-1225 | Groundwater | 12/9/2025 9:39:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-005B | MW-31-135-1225 | Groundwater | 12/9/2025 9:39:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-005C | MW-31-135-1225 | Groundwater | 12/9/2025 9:39:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-005D | MW-31-135-1225 | Groundwater | 12/9/2025 9:39:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-006A | MW-79-058-1225 | Groundwater | 12/9/2025 11:05:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-006B | MW-79-058-1225 | Groundwater | 12/9/2025 11:05:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-006C | MW-79-058-1225 | Groundwater | 12/9/2025 11:05:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-006D | MW-79-058-1225 | Groundwater | 12/9/2025 11:05:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-007A | MW-79-102-1225 | Groundwater | 12/9/2025 10:29:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-007B | MW-79-102-1225 | Groundwater | 12/9/2025 10:29:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-007C | MW-79-102-1225 | Groundwater | 12/9/2025 10:29:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-007D | MW-79-102-1225 | Groundwater | 12/9/2025 10:29:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-008A | MW-80-057-1225 | Groundwater | 12/9/2025 1:46:00 PM | 12/9/2025 | 12/29/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079588
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079588-008B | MW-80-057-1225 | Groundwater | 12/9/2025 1:46:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-008C | MW-80-057-1225 | Groundwater | 12/9/2025 1:46:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-008D | MW-80-057-1225 | Groundwater | 12/9/2025 1:46:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-009A | MW-80-082-1225 | Groundwater | 12/9/2025 1:12:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-009B | MW-80-082-1225 | Groundwater | 12/9/2025 1:12:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-009C | MW-80-082-1225 | Groundwater | 12/9/2025 1:12:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-009D | MW-80-082-1225 | Groundwater | 12/9/2025 1:12:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-010A | MW-26-1225 | Groundwater | 12/9/2025 11:44:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-010B | MW-26-1225 | Groundwater | 12/9/2025 11:44:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-010C | MW-26-1225 | Groundwater | 12/9/2025 11:44:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-010D | MW-26-1225 | Groundwater | 12/9/2025 11:44:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-011A | MW-51-1225 | Groundwater | 12/9/2025 12:22:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-011B | MW-51-1225 | Groundwater | 12/9/2025 12:22:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-011C | MW-51-1225 | Groundwater | 12/9/2025 12:22:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-011D | MW-51-1225 | Groundwater | 12/9/2025 12:22:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-012A | EB-742-Q425 | Groundwater | 12/9/2025 2:07:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-013A | MW-36-100-1225 | Groundwater | 12/9/2025 12:58:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-014A | PT5D-1225 | Groundwater | 12/9/2025 2:19:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-015A | MW-934-Q425 | Groundwater | 12/9/2025 2:55:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-016A | PT6D-1225 | Groundwater | 12/9/2025 2:50:00 PM | 12/9/2025 | 12/29/2025 |
| N079588-017A | MW-44-115-1225 | Groundwater | 12/9/2025 11:09:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-018A | MW-44-125-1225 | Groundwater | 12/9/2025 11:48:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-019A | MW-34-100-1225 | Groundwater | 12/9/2025 10:03:00 AM | 12/9/2025 | 12/29/2025 |
| N079588-020A | EB-743-Q425 | Groundwater | 12/9/2025 3:00:00 PM | 12/9/2025 | 12/29/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:46:00 AM |
| **Lab ID:** | N079588-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 11:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:09:00 AM |
| **Lab ID:** | N079588-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.0 | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 03:52 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:20:00 AM |
| **Lab ID:** | N079588-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 3.4 | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 11:44 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:02:00 AM |
| **Lab ID:** | N079588-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.40 | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 01:09 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:39:00 AM |
| **Lab ID:** | N079588-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1.5 | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 07:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:05:00 AM |
| **Lab ID:** | N079588-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 01:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:29:00 AM |
| **Lab ID:** | N079588-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 11:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:46:00 PM |
| **Lab ID:** | N079588-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.3 | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 05:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:12:00 PM |
| **Lab ID:** | N079588-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 04:49 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:44:00 AM |
| **Lab ID:** | N079588-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 02:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:22:00 PM |
| **Lab ID:** | N079588-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 05:08 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-742-Q425 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 2:07:00 PM |
| **Lab ID:** | N079588-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 02:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-36-100-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:58:00 PM |
| **Lab ID:** | N079588-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 11:59 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT5D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 2:19:00 PM |
| **Lab ID:** | N079588-014 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 24 | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 11:16 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-934-Q425 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 2:55:00 PM |
| **Lab ID:** | N079588-015 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 07:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | PT6D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 2:50:00 PM |
| **Lab ID:** | N079588-016 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 0.25 | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 08:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-115-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:09:00 AM |
| **Lab ID:** | N079588-017 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 23 | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 10:43 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-44-125-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:48:00 AM |
| **Lab ID:** | N079588-018 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 10:25 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-34-100-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:03:00 AM |
| **Lab ID:** | N079588-019 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 6.4 | 0.19 | 1.0 | | µg/L | 5 | 12/10/2025 10:43 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-743-Q425 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 3:00:00 PM |
| **Lab ID:** | N079588-020 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251210A** | QC Batch: **R211627** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/10/2025 03:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **MB-R211627** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211627** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211627** | TestNo: **EPA 218.6** | | Analysis Date: **12/10/2025** | SeqNo: **7269338** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID **LCS-R211627** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211627** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211627** | TestNo: **EPA 218.6** | | Analysis Date: **12/10/2025** | SeqNo: **7269339** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.903 | 0.039 | 0.20 | 5.000 | 0 | 98.1 | 90 | 110 | | | | |

| Sample ID **N079588-017AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211627** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211627** | TestNo: **EPA 218.6** | | Analysis Date: **12/10/2025** | SeqNo: **7269341** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 46.753 | 0.19 | 1.0 | 25.00 | 23.14 | 94.5 | 90 | 110 | | | | |

| Sample ID **N079588-017AMSD** | SampType: **MSD** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211627** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211627** | TestNo: **EPA 218.6** | | Analysis Date: **12/10/2025** | SeqNo: **7269342** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 47.749 | 0.19 | 1.0 | 25.00 | 23.14 | 98.5 | 90 | 110 | 46.75 | 2.11 | 20 | |

| Sample ID **N079588-014ADUP** | SampType: **DUP** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211627** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211627** | TestNo: **EPA 218.6** | | Analysis Date: **12/10/2025** | SeqNo: **7269344** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 24.273 | 0.19 | 1.0 | | | | | | 24.05 | 0.921 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079588-014AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269345**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 49.846 | 0.19 | 1.0 | 25.00 | 24.05 | 103 | 90 | 110 | | | | |

Sample ID **N079588-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269347**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 8.419 | 0.19 | 1.0 | 5.000 | 3.449 | 99.4 | 90 | 110 | | | | |

Sample ID **N079588-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269353**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.488 | 0.039 | 0.20 | 1.000 | 0.3985 | 109 | 90 | 110 | | | | |

Sample ID **N079588-006AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269355**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.918 | 0.039 | 0.20 | 1.000 | 0 | 91.8 | 90 | 110 | | | | |

Sample ID **N079588-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269359**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.901 | 0.039 | 0.20 | 1.000 | 0 | 90.1 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079588-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269361**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.077 | 0.039 | 0.20 | 1.000 | 0.1156 | 96.1 | 90 | 110 | | | | |

Sample ID **N079588-020AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269363**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.075 | 0.039 | 0.20 | 1.000 | 0.1102 | 96.5 | 90 | 110 | | | | |

Sample ID **N079588-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269365**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.059 | 0.039 | 0.20 | 1.000 | 2.039 | 102 | 90 | 110 | | | | |

Sample ID **N079588-009AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269369**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.980 | 0.039 | 0.20 | 1.000 | 0 | 98.0 | 90 | 110 | | | | |

Sample ID **N079588-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211627**
Client ID: **ZZZZZZ** Batch ID: **R211627** TestNo: **EPA 218.6** Analysis Date: **12/10/2025** SeqNo: **7269371**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.042 | 0.039 | 0.20 | 1.000 | 0 | 104 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079588-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269373 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 7.281 | 0.19 | 1.0 | 5.000 | 2.348 | 98.7 | 90 | 110 | | | | | | |

| Sample ID | N079588-005AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269379 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2.533 | 0.039 | 0.20 | 1.000 | 1.537 | 99.7 | 90 | 110 | | | | | | |

| Sample ID | N079588-015AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269381 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.213 | 0.039 | 0.20 | 1.000 | 0.1954 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079588-016AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269385 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1.191 | 0.039 | 0.20 | 1.000 | 0.2461 | 94.5 | 90 | 110 | | | | | | |

| Sample ID | N079588-018AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269389 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.698 | 0.19 | 1.0 | 5.000 | 0 | 94.0 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079588-019AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269391 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 11.053 | 0.19 | 1.0 | 5.000 | 6.421 | 92.7 | 90 | 110 | | | | | | |

| Sample ID | N079588-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269393 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.071 | 0.19 | 1.0 | 5.000 | 0 | 101 | 90 | 110 | | | | | | |

| Sample ID | N079588-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7269395 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.133 | 0.19 | 1.0 | 5.000 | 0 | 103 | 90 | 110 | | | | | | |

| Sample ID | N079588-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211627 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211627 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7269399 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 5.209 | 0.19 | 1.0 | 5.000 | 0 | 104 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:46:00 AM |
| **Lab ID:** | N079588-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 12/10/2025 01:16 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 11:47 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:09:00 AM |
| **Lab ID:** | N079588-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 310 | 17 | 25 | | mg/L | 50 | 12/10/2025 01:33 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 12:37 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:20:00 AM |
| **Lab ID:** | N079588-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 350 | 17 | 25 | | mg/L | 50 | 12/10/2025 12:27 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 01:26 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:02:00 AM |
| **Lab ID:** | N079588-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 300 | 17 | 25 | | mg/L | 50 | 12/10/2025 02:22 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 01:42 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:39:00 AM |
| **Lab ID:** | N079588-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC9_251210A** QC Batch: **R211591** PrepDate: Analyst: **RAB** | | | | | | | |
| Sulfate | 270 | 17 | 25 | | mg/L | 50 | 12/10/2025 11:38 AM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| **EPA 300.0** | | | | | | | |
| RunID: **NV00922-IC8_251210A** QC Batch: **R211589** PrepDate: Analyst: **RAB** | | | | | | | |
| Nitrate as N | 0.99 | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 01:59 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:05:00 AM |
| **Lab ID:** | N079588-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 280 | 17 | 25 | | mg/L | 50 | 12/10/2025 02:38 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 02:15 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:29:00 AM |
| **Lab ID:** | N079588-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 320 | 17 | 25 | | mg/L | 50 | 12/10/2025 02:55 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 02:32 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:46:00 PM |
| **Lab ID:** | N079588-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 290 | 17 | 25 | | mg/L | 50 | 12/10/2025 03:11 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 02:48 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:12:00 PM |
| **Lab ID:** | N079588-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 250 | 17 | 25 | | mg/L | 50 | 12/10/2025 03:28 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 03:04 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:44:00 AM |
| **Lab ID:** | N079588-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 240 | 17 | 25 | | mg/L | 50 | 12/10/2025 03:44 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 03:21 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:22:00 PM |
| **Lab ID:** | N079588-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251210A** | QC Batch: **R211591** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 270 | 17 | 25 | | mg/L | 50 | 12/10/2025 04:00 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC8_251210A** | QC Batch: **R211589** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/10/2025 03:37 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211591_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211591 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267467 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 0.355 | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211591_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211591 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267468 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 4.046 | 0.34 | 0.50 | 4.000 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079588-005BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211591 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267470 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 458.510 | 17 | 25 | 200.0 | 272.8 | 92.9 | 80 | 120 | | | | | |

| Sample ID | N079588-005BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211591 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267471 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 457.060 | 17 | 25 | 200.0 | 272.8 | 92.1 | 80 | 120 | 458.5 | 0.317 | 20 | | |

| Sample ID | N079588-003BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211591 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267473 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 352.055 | 17 | 25 | | | | | | 348.5 | 1.02 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | N079588-003BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | RunNo: | 211591 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211591 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267474 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 539.325 | 17 | 25 | 200.0 | 348.5 | 95.4 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211589_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267173 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211589_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267174 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.265 | 0.024 | 0.050 | 1.250 | 0 | 101 | 90 | 110 | | | | | |

| Sample ID | N079588-001BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267179 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.522 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | | | | | |

| Sample ID | N079588-001BMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267180 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 12.509 | 0.24 | 0.50 | 12.50 | 0 | 100 | 80 | 120 | 12.52 | 0.104 | 20 | | |

| Sample ID | N079589-004BMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211589 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | | SeqNo: | 7267196 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 19.257 | 0.24 | 0.50 | 12.50 | 6.539 | 102 | 80 | 120 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | N079589-003BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | RunNo: | 211589 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211589 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/10/2025 | SeqNo: | 7267197 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | 1.199 | 0.24 | 0.50 | | | | | | 1.191 | 0.669 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:46:00 AM |
| **Lab ID:** | N079588-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 12:20 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:09:00 AM |
| **Lab ID:** | N079588-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 12:51 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:20:00 AM |
| **Lab ID:** | N079588-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 01:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:02:00 AM |
| **Lab ID:** | N079588-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 01:11 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:39:00 AM |
| **Lab ID:** | N079588-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 01:21 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:05:00 AM |
| **Lab ID:** | N079588-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 01:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:29:00 AM |
| **Lab ID:** | N079588-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.2 | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 02:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:46:00 PM |
| **Lab ID:** | N079588-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 02:28 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:12:00 PM |
| **Lab ID:** | N079588-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 02:37 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:44:00 AM |
| **Lab ID:** | N079588-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 02:46 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:22:00 PM |
| **Lab ID:** | N079588-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251211A** | QC Batch: **125906** | | | PrepDate: | **12/11/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.9 | 0.090 | 1.0 | | mg/L | 1 | 12/11/2025 02:56 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125906** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/11/2025** | RunNo: **211775** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125906** | TestNo: **SM 5310B** | | Analysis Date: **12/11/2025** | SeqNo: **7281191** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.035 | 0.090 | 1.0 | 5.000 | 0 | 101 | 85 | 115 | | | | |

| Sample ID **MB-125906** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/11/2025** | RunNo: **211775** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125906** | TestNo: **SM 5310B** | | Analysis Date: **12/11/2025** | SeqNo: **7281192** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N079588-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/11/2025** | RunNo: **211775** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125906** | TestNo: **SM 5310B** | | Analysis Date: **12/11/2025** | SeqNo: **7281194** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.530 | 0.090 | 1.0 | 5.000 | 0.5014 | 101 | 75 | 125 | | | | |

| Sample ID **N079588-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/11/2025** | RunNo: **211775** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125906** | TestNo: **SM 5310B** | | Analysis Date: **12/11/2025** | SeqNo: **7281195** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.586 | 0.090 | 1.0 | 5.000 | 0.5014 | 102 | 75 | 125 | 5.530 | 1.01 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Client Sample ID:** TW-02D-1225
**Lab Order:** N079588
**Project:** PG&E Topock - PCM, 30251660
**Collection Date:** 12/9/2025 9:46:00 AM
**Lab ID:** N079588-001
**Matrix:** GROUNDWATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 10:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:09:00 AM |
| **Lab ID:** | N079588-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 10:43 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:20:00 AM |
| **Lab ID:** | N079588-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 10:45 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:02:00 AM |
| **Lab ID:** | N079588-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | 210 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 10:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:39:00 AM |
| **Lab ID:** | N079588-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:00 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:05:00 AM |
| **Lab ID:** | N079588-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 120 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:02 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:29:00 AM |
| **Lab ID:** | N079588-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 280 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:05 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:46:00 PM |
| **Lab ID:** | N079588-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | 31 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:07 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:12:00 PM |
| **Lab ID:** | N079588-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | 49 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:10 PM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:44:00 AM |
| **Lab ID:** | N079588-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 230 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:22:00 PM |
| **Lab ID:** | N079588-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 37 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:14 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID **MB-125970** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284494** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID **LCS-125970** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284495** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.470 | 5.8 | 20 | 100.0 | 0 | 108 | 85 | 115 | | | | |

| Sample ID **N079588-001C-MS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284499** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 97.420 | 5.8 | 20 | 100.0 | 11.91 | 85.5 | 75 | 125 | | | | |

| Sample ID **N079588-001C-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284500** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 101.850 | 5.8 | 20 | 100.0 | 11.91 | 89.9 | 75 | 125 | 97.42 | 4.45 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079588-001C-PS** | SampType: | **PS** | TestCode: | **6010_WDPG** | Units: | **µg/L** | Prep Date: | | RunNo: | **211829** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: | **125970** | TestNo: | **EPA 6010B** | **EPA 3010A** | | Analysis Date: | **12/14/2025** | SeqNo: | **7284498** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.730 | 5.8 | 20 | 100.0 | 11.91 | 90.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079588 / N079652
Test Method: EPA 6010B
Analysis Date: 12/14/2025

Matrix: Groundwater
Batch No.: 125970

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079588-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 11.91 | 100.00% | 10 |

12/30/2025

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:46:00 AM |
| **Lab ID:** | N079588-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | Analyst: **DJ** |
| Arsenic | 2.7 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:12 AM |
| Barium | 19 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 04:12 AM |
| Manganese | 65 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 04:12 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-02S-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:09:00 AM |
| **Lab ID:** | N079588-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:18 AM |
| Barium | 120 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 04:18 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 04:18 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | TW-03D-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:20:00 AM |
| **Lab ID:** | N079588-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: | **12/11/2025** | Analyst: **DJ** |
| Arsenic | 1.7 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:24 AM |
| Barium | 32 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 04:24 AM |
| Manganese | 57 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 04:24 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-060-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:02:00 AM |
| **Lab ID:** | N079588-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:30 AM |
| Barium | 230 | 0.50 | 10 | | µg/L | 10 | 12/13/2025 05:28 AM |
| Manganese | 410 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 05:28 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-31-135-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 9:39:00 AM |
| **Lab ID:** | N079588-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 0.96 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:35 AM |
| Barium | 33 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 04:35 AM |
| Manganese | 3.6 | 0.046 | 0.50 | | µg/L | 1 | 12/12/2025 04:35 AM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-058-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:05:00 AM |
| **Lab ID:** | N079588-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:41 AM |
| Barium | 97 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 04:41 AM |
| Manganese | 310 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 05:33 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-79-102-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 10:29:00 AM |
| **Lab ID:** | N079588-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 1.7 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 04:47 AM |
| Barium | 260 | 0.50 | 10 | | µg/L | 10 | 12/13/2025 05:39 AM |
| Manganese | 1200 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 05:39 AM |

| **Qualifiers:** | | | | |
|---|---|---|---|---|
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-057-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:46:00 PM |
| **Lab ID:** | N079588-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | | PrepDate: **12/11/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:10 AM |
| Barium | 120 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 05:10 AM |
| Manganese | 390 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 05:45 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-80-082-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 1:12:00 PM |
| **Lab ID:** | N079588-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 0.60 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 05:29 AM |
| Barium | 67 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 05:16 AM |
| Manganese | 300 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 05:57 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-26-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 11:44:00 AM |
| **Lab ID:** | N079588-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 2.3 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:22 AM |
| Barium | 110 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 05:22 AM |
| Manganese | 810 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 06:02 AM |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-51-1225 |
| **Lab Order:** | N079588 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/9/2025 12:22:00 PM |
| **Lab ID:** | N079588-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251211G** | QC Batch: **125924** | | | PrepDate: | **12/11/2025** | | Analyst: **DJ** |
| Arsenic | 1.6 | 0.067 | 0.10 | | µg/L | 1 | 12/12/2025 05:28 AM |
| Barium | 64 | 0.050 | 1.0 | | µg/L | 1 | 12/12/2025 05:28 AM |
| Manganese | 720 | 0.46 | 5.0 | | µg/L | 10 | 12/13/2025 06:08 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | MB-125924 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276018 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |

| Sample ID | LCS-125924 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276019 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.320 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |
| Barium | 10.912 | 0.050 | 1.0 | 10.00 | 0 | 109 | 85 | 115 | | | | |
| Manganese | 101.642 | 0.046 | 0.50 | 100.0 | 0 | 102 | 85 | 115 | | | | |

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276043 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.905 | 0.067 | 0.10 | 10.00 | 0 | 99.0 | 75 | 125 | | | | |
| Barium | 100.548 | 0.050 | 1.0 | 10.00 | 90.13 | 104 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276044 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.247 | 0.067 | 0.10 | 10.00 | 0 | 102 | 75 | 125 | 9.905 | 3.39 | 20 | |
| Barium | 100.553 | 0.050 | 1.0 | 10.00 | 90.13 | 104 | 75 | 125 | 100.5 | 0.00447 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079650-001B-MS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276306 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 379.656 | 0.46 | 5.0 | 100.0 | 268.4 | 111 | 75 | 125 | | | | |

| Sample ID | N079650-001B-MSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/11/2025 | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276307 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 445.052 | 0.46 | 5.0 | 100.0 | 268.4 | 177 | 75 | 125 | 379.7 | 15.9 | 20 | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079588
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276042 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.994 | 0.067 | 0.10 | 10.00 | 0 | 99.9 | 80 | 120 | | | | |
| Barium | 104.022 | 0.050 | 1.0 | 10.00 | 90.13 | 139 | 80 | 120 | | | | S |

| Sample ID | N079650-001B-PS | SampType: | PS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | | RunNo: | 211722 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125924 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/12/2025 | SeqNo: | 7276305 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 1280.027 | 0.46 | 5.0 | 1000 | 268.4 | 101 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079590 / N079588/ N079589
Test Method: EPA 6020
Analysis Date: 12/11/2025

Matrix: Groundwater
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Ba & Mo failed. However, PS passed criteria.
Dilution test is not applicable to As & Cr. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 5x | Arsenic | As | µg/L | 0 | NA | 0 | | 10 |
| N079650-001B DT 5x | Barium | Ba | µg/L | 112.2081 | FAIL | 90.1257 | 24.50% | 10 |
| N079650-001B DT 5x | Molybdenum | Mo | µg/L | 103.909 | FAIL | 85.74145 | 21.19% | 10 |
| N079650-001B DT 5x | Chromium | Cr | µg/L | 0 | NA | 0.1619189 | 100.00% | 10 |

12/30/2025

Note: NA - Not Applicable

12/30/25 13:24

N079590_6020_125924_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079650 / N079588 / N079589
Test Method: EPA 6020
Analysis Date: 12/12/2025

Matrix: Groundwater
Batch No.: 125924

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079650-001B DT 50x | Manganese | Mn | µg/L | 284.3398 | PASS | 268.3747 | 5.95% | 10 |

Note: NA - Not Applicable

ARCUS02 C: 12/24/202 12:00 AM
FOLDER R: 12/9/2025
N079588-021A 1 of 1

# ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 1 of 2

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirem |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: | | Phone: 949 293-2445 Fax: | Others ✓ |
| Title: PM | Phone: 720-344-3771 Fax: | | Specify: RWQCB |
| Signature: Date: 12/9/25 | Sampled By: | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: | | |
| Project Number: 30251660 | Date: 12/9/25 | | |

| | | | |
|---|---|---|---|
| RTNE | | | |
| RWQCB | ✓ | | |
| CalTrans | | | |
| LEVEL III | | | |
| LEVEL IV | | | |
| Regulatory | | | |
| Specify State: | | | |

| | Y | N |
|---|---|---|
| 1. Chilled | X | |
| 2. Headspace | | |
| 3. Container Intact | X | |
| 4. Seal Present | | |
| 5. IR number | #4 | |
| 6. Method of Cooling: ICE | | |

Sample Temp: 1.2, 0.8°C

Courier: ASSET

Tracking No.:

| Matrix | | | |
|---|---|---|---|
| Ground | X | Sediment | |
| Potable | | Soil | |
| NPDES | | Other Solid | |
| Surface | | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2. SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079588-001 | TW-02D-1225 | 12/9/2025 | 9:46 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 2 | -002 | TW-02S-1225 | 12/9/2025 | 9:09 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 3 | -003 | TW-03D-1225 | 12/9/2025 | 10:20 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 4 | -004 | MW-31-060-1225 | 12/9/2025 | 9:02 | | X | X | X | | | X | | | | | E | 4 | P | BNS | MS/MSD |
| 5 | -005 | MW-31-135-1225 | 12/9/2025 | 9:39 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 6 | -006 | MW-79-058-1225 | 12/9/2025 | 11:05 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 7 | -007 | MW-79-102-1225 | 12/9/2025 | 10:29 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 8 | -008 | MW-80-057-1225 | 12/9/2025 | 13:46 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 9 | -009 | MW-80-082-1225 | 12/9/2025 | 13:12 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 10 | -010 | MW-26-1225 | 12/9/2025 | 11:44 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 11 | -011 | MW-51-1225 | 12/9/2025 | 12:22 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 12 | -012 | EB-742-Q425 | 12/9/2025 | 1407 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by (Signature and Printed Name): Date/Time: 12/9/25 1640 | Relinquished by (Signature and Printed Name): MRCARTIN Date/Time: 12/9/25 1640 | Turn Around Time (TAT) | Special Instruction: |
| Relinquished by (Signature and Printed Name): REL/REC? Date/Time: | Relinquished by (Signature and Printed Name): MRCARTIN Date/Time: 12/9/25 1900 | | |
| Relinquished by (Signature and Printed Name): Date/Time: | Relinquished by (Signature and Printed Name): Date/Time: | | |

Turn Around Time (TAT)

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

Special Instruction:

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs =200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

# ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

## CHAIN OF CUSTODY RECORD

Page 2 of 2


Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F:562.219.7436
www.assetlaboratories.com


| | | | | | | |
|---|---|---|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Requirement | | QA/QC | |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD | | RTNE | |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker | | RWQCB | ✓ |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec | | CalTrans | |
| Submitted By: Nara Tap | | | Others | ✓ | LEVEL III | |
| Title: PM | Phone: 720-344-3771 Fax: | Phone: 949 293-2445 Fax: | Specify: RWQCB | | LEVEL IV | |
| Signature: Date: 12/9/25 | Sampled By: Nara Tap | | Global ID: | | Regulatory | |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | | | Specify State: | |
| Project Name: PG&E Topock - PCM | Signature: Date: 12/9/25 | | | | | |
| Project Number: 30251660 | | | | | | |

| Sample Receipt Condition | Y | N |
|---|---|---|
| 1. Chilled | X | |
| 2. Headspace | | |
| 3. Container Intact | X | |
| 4. Seal Present | | |
| 5. IR number | $4 | |
| 6. Method of Cooling: ICE | | |
| Sample Temp: 1.2, 0.8°C | | |
| Courier: ASSET | | |
| Tracking No.: | | |

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH (250 mL poly) | Nitrate as N, sulfate (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, (500mL poly) | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium (500mL poly) | Total Organic Carbon (SM5310B); H2SO4, (250 mL Amber) | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 (125 mL poly) | Ammonia as Nitrogen (SM4500NH3); H2SO4 (1 L poly) | Nitrate as N (EPA 300.0) (1 L poly) | Dissolved metals (SW6020) FF; HNO3 Iron (500mL poly) | | | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079588-013 | MW-36-100-1225 | 12/9/2025 | 1258 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 2 | -014 | PT5D-1225 | 12/9/2025 | ~~1225~~ | 1419 | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 3 | -015 | MW-934-Q425 | 12/9/2025 | 1455 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 4 | -016 | PT6D-1225 | 12/9/2025 | 1450 | | X | | | | | | | | | | | | E | 1 | P | BNS | ~~MS/MSD~~ ⊙ |
| 5 | -017 | MW-44-115-1225 | 12/9/2025 | 1109 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 6 | -018 | MW-44-125-1225 | 12/9/2025 | 1148 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 7 | -019 | MW-34-100-1225 | 12/9/2025 | 1003 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 8 | -020 | EB-743-Q425 | 12/9/2025 | 1500 | | X | | | | | | | | | | | | E | 1 | P | BNS | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
|---|---|---|---|
| Nara Tap | 12/9/25 1640 | MB CARTON | 12/9/25 @1640 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |
| REL/REC: MB CARTON | | | 12/9/25 @1900 |
| Relinquished by (Signature and Printed Name): | Date/Time: | Relinquished by (Signature and Printed Name): | Date/Time: |

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
   Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy

Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/9/2025 Workorder: N079588

Rep sample Temp (Deg C): 1.2 / 0.8 IR Gun ID: 4

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: N/A Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: FOR VM MarcusC 12/10/2025

Reviewed By: For: MBC Mary Ann Yarra 12/15/2025

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-001A | TW-02D-1225 | 12/9/2025 9:46:00 AM | 12/24/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-001B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-001C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-001D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-002A | TW-02S-1225 | 12/9/2025 9:09:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-002B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-002C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-002D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-003A | TW-03D-1225 | 12/9/2025 10:20:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-003B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-003C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-003C | TW-03D-1225 | 12/9/2025 10:20:00 AM | 12/24/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-003D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-004A | MW-31-060-1225 | 12/9/2025 9:02:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-004B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-004C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-004D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-005A | MW-31-135-1225 | 12/9/2025 9:39:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-005B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-005C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-005D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-005D | MW-31-135-1225 | 12/9/2025 9:39:00 AM | 12/24/2025 | Groundwater | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-006A | MW-79-058-1225 | 12/9/2025 11:05:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-006B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-006C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-006D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-007A | MW-79-102-1225 | 12/9/2025 10:29:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-007B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-007C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-007D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-008A | MW-80-057-1225 | 12/9/2025 1:46:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-008B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-008C | MW-80-057-1225 | 12/9/2025 1:46:00 PM | 12/24/2025 | Groundwater | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-008D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-009A | MW-80-082-1225 | 12/9/2025 1:12:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-009B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-009C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-009D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-010A | MW-26-1225 | 12/9/2025 11:44:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-010B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-010C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-010D | MW-26-1225 | 12/9/2025 11:44:00 AM | 12/24/2025 | Groundwater | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-011A | MW-51-1225 | 12/9/2025 12:22:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-011B | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079588-011C | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/24/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079588-011D | | | 12/24/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/24/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079588-012A | EB-742-Q425 | 12/9/2025 2:07:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-013A | MW-36-100-1225 | 12/9/2025 12:58:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-014A | PT5D-1225 | 12/9/2025 2:19:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-015A | MW-934-Q425 | 12/9/2025 2:55:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-016A | PT6D-1225 | 12/9/2025 2:50:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-017A | MW-44-115-1225 | 12/9/2025 11:09:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-018A | MW-44-125-1225 | 12/9/2025 11:48:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-019A | MW-34-100-1225 | 12/9/2025 10:03:00 AM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-020A | EB-743-Q425 | 12/9/2025 3:00:00 PM | 12/24/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079588-021A | FOLDER | 12/24/2025 | 12/24/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/24/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |

# ASSET Laboratories

## WORK ORDER Summary

*15-Dec-25*

**WorkOrder:** N079588

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/9/2025 7:00 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079588-021A | FOLDER | 12/24/2025 | 12/24/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |

December 29, 2025

Laura Madsen
ARCADIS U.S., Inc. - California
1410 Rocky Ridge Dr #330
Roseville, CA 95661

TEL: 1 720 344 3771
FAX:

Workorder No.: N079652

RE: PG&E Topock - PCM, 30251660

Attention: Laura Madsen

Enclosed are the results for sample(s) received on December 10, 2025 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

The reported results relate only to the samples as received and parameters tested by the laboratory.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

for

Nancy Sibucao
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.

# CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 218.6:

Dilution was necessary for some samples due to matrix interference. Samples were analyzed at lower dilution however matrix spike recovery and/or retention time criteria were not met indicating possible matrix interference. Samples were reported at dilution that meets matrix spike recovery limit and the detected peak within retention time window.

Analytical Comments for EPA 300.0:

Dilution was necessary due to precipitation of samples upon the addition of eluent.

## ASSET Laboratories

**Date:** *29-Dec-25*

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079652
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079652-001A | MW-81-043-1225 | Groundwater | 12/10/2025 11:06:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-002A | MW-81-098-1225 | Groundwater | 12/10/2025 11:46:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-003A | MW-22-Q425 | Groundwater | 12/10/2025 8:58:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-003B | MW-22-Q425 | Groundwater | 12/10/2025 8:58:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-003C | MW-22-Q425 | Groundwater | 12/10/2025 8:58:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-003D | MW-22-Q425 | Groundwater | 12/10/2025 8:58:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-004A | MW-90-031-Q425 | Groundwater | 12/10/2025 10:08:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-004B | MW-90-031-Q425 | Groundwater | 12/10/2025 10:08:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-004C | MW-90-031-Q425 | Groundwater | 12/10/2025 10:08:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-004D | MW-90-031-Q425 | Groundwater | 12/10/2025 10:08:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-005A | EB-747-Q425 | Groundwater | 12/10/2025 12:00:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-006A | MW-20-070-1225 | Groundwater | 12/10/2025 10:36:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-006B | MW-20-070-1225 | Groundwater | 12/10/2025 10:36:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-006C | MW-20-070-1225 | Groundwater | 12/10/2025 10:36:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-006D | MW-20-070-1225 | Groundwater | 12/10/2025 10:36:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-007A | MW-20-100-1225 | Groundwater | 12/10/2025 12:02:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-007B | MW-20-100-1225 | Groundwater | 12/10/2025 12:02:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-007C | MW-20-100-1225 | Groundwater | 12/10/2025 12:02:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-007D | MW-20-100-1225 | Groundwater | 12/10/2025 12:02:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-008A | MW-20-130-1225 | Groundwater | 12/10/2025 11:13:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-008B | MW-20-130-1225 | Groundwater | 12/10/2025 11:13:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-008C | MW-20-130-1225 | Groundwater | 12/10/2025 11:13:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-008D | MW-20-130-1225 | Groundwater | 12/10/2025 11:13:00 AM | 12/10/2025 | 12/29/2025 |
| N079652-009A | MW-21-1225 | Groundwater | 12/10/2025 2:57:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-009B | MW-21-1225 | Groundwater | 12/10/2025 2:57:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-009C | MW-21-1225 | Groundwater | 12/10/2025 2:57:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-009D | MW-21-1225 | Groundwater | 12/10/2025 2:57:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-010A | MW-21-EB-1225 | Groundwater | 12/10/2025 2:40:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-011A | MW-71-035-1225 | Groundwater | 12/10/2025 2:14:00 PM | 12/10/2025 | 12/29/2025 |

**CLIENT:** ARCADIS U.S., Inc. - California
**Project:** PG&E Topock - PCM, 30251660
**Lab Order:** N079652
**Contract No:**

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received | Date Reported |
|---|---|---|---|---|---|
| N079652-011B | MW-71-035-1225 | Groundwater | 12/10/2025 2:14:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-011C | MW-71-035-1225 | Groundwater | 12/10/2025 2:14:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-011D | MW-71-035-1225 | Groundwater | 12/10/2025 2:14:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-012A | EB-746-Q425 | Groundwater | 12/10/2025 3:20:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-013A | MW-25-Q425 | Groundwater | 12/10/2025 1:21:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-013B | MW-25-Q425 | Groundwater | 12/10/2025 1:21:00 PM | 12/10/2025 | 12/29/2025 |
| N079652-013C | MW-25-Q425 | Groundwater | 12/10/2025 1:21:00 PM | 12/10/2025 | 12/29/2025 |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-81-043-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:06:00 AM |
| **Lab ID:** | N079652-001 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 09:03 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-81-098-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:46:00 AM |
| **Lab ID:** | N079652-002 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 06:13 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-22-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 8:58:00 AM |
| **Lab ID:** | N079652-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 07:47 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 09:47 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-90-031-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:08:00 AM |
| **Lab ID:** | N079652-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 08:06 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | ND | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 09:53 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-747-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:00:00 PM |
| **Lab ID:** | N079652-005 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 03:12 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:36:00 AM |
| **Lab ID:** | N079652-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 270 | 1.9 | 10 | | µg/L | 50 | 12/11/2025 12:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:02:00 PM |
| **Lab ID:** | N079652-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1500 | 7.7 | 40 | | µg/L | 200 | 12/11/2025 01:00 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:13:00 AM |
| **Lab ID:** | N079652-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 1000 | 3.9 | 20 | | µg/L | 100 | 12/11/2025 12:32 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:57:00 PM |
| **Lab ID:** | N079652-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.19 | 1.0 | | µg/L | 5 | 12/11/2025 08:44 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-EB-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:40:00 PM |
| **Lab ID:** | N079652-010 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 03:31 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:14:00 PM |
| **Lab ID:** | N079652-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 2.2 | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 02:53 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | EB-746-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 3:20:00 PM |
| **Lab ID:** | N079652-012 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211A** | QC Batch: **R211634** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | µg/L | 1 | 12/11/2025 03:50 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-25-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 1:21:00 PM |
| **Lab ID:** | N079652-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **HEXAVALENT CHROMIUM BY IC** | | | | | | | |
| | | | **EPA 218.6** | | | | |
| RunID: **NV00922-IC7_251211B** | QC Batch: **R211702** | | | PrepDate: | | | Analyst: **RAB** |
| Hexavalent Chromium | 150 | 0.77 | 4.0 | | µg/L | 20 | 12/11/2025 10:00 PM |
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251218N** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Chromium | 150 | 0.13 | 1.0 | | µg/L | 1 | 12/19/2025 10:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID **MB-R211634** | SampType: **MBLK** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211634** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **R211634** | TestNo: **EPA 218.6** | | Analysis Date: **12/11/2025** | SeqNo: **7274237** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | |

| Sample ID **LCS-R211634** | SampType: **LCS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211634** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **R211634** | TestNo: **EPA 218.6** | | Analysis Date: **12/11/2025** | SeqNo: **7274238** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.931 | 0.039 | 0.20 | 5.000 | 0 | 98.6 | 90 | 110 | | | | |

| Sample ID **N079650-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211634** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211634** | TestNo: **EPA 218.6** | | Analysis Date: **12/11/2025** | SeqNo: **7274240** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 0.955 | 0.039 | 0.20 | 1.000 | 0 | 95.5 | 90 | 110 | | | | |

| Sample ID **N079651-001AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211634** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211634** | TestNo: **EPA 218.6** | | Analysis Date: **12/11/2025** | SeqNo: **7274242** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.025 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

| Sample ID **N079651-002AMS** | SampType: **MS** | TestCode: **218.6_WPGE** | Units: **µg/L** | Prep Date: | RunNo: **211634** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **R211634** | TestNo: **EPA 218.6** | | Analysis Date: **12/11/2025** | SeqNo: **7274244** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.052 | 0.039 | 0.20 | 1.000 | 0 | 105 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079652-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274250 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2544.620 | 7.7 | 40 | 1000 | 1501 | 104 | 90 | 110 | | | | | | |

| Sample ID | N079652-007AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274251 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 2548.340 | 7.7 | 40 | 1000 | 1501 | 105 | 90 | 110 | 2545 | 0.146 | 20 | | | |

| Sample ID | N079652-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274252 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 528.150 | 1.9 | 10 | 250.0 | 272.0 | 102 | 90 | 110 | | | | | | |

| Sample ID | N079652-008ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274253 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1026.330 | 3.9 | 20 | | | | | | 1013 | 1.33 | 20 | | | |

| Sample ID | N079652-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274254 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 1557.460 | 3.9 | 20 | 500.0 | 1013 | 109 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079653-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274256**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 12.406 | 0.039 | 0.20 | 5.000 | 7.627 | 95.6 | 90 | 110 | | | | |

Sample ID **N079652-011AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274260**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 3.310 | 0.039 | 0.20 | 1.000 | 2.237 | 107 | 90 | 110 | | | | |

Sample ID **N079652-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274262**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.121 | 0.039 | 0.20 | 1.000 | 0.08560 | 104 | 90 | 110 | | | | |

Sample ID **N079652-010AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274264**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.138 | 0.039 | 0.20 | 1.000 | 0.07970 | 106 | 90 | 110 | | | | |

Sample ID **N079652-012AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274266**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.079 | 0.039 | 0.20 | 1.000 | 0.07230 | 101 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

Sample ID **N079653-005AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274270**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.966 | 0.039 | 0.20 | 1.000 | 0.9988 | 96.7 | 90 | 110 | | | | |

Sample ID **N079653-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274272**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 48.228 | 0.19 | 1.0 | 25.00 | 23.05 | 101 | 90 | 110 | | | | |

Sample ID **N079653-004AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274274**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 48.045 | 0.19 | 1.0 | 25.00 | 23.12 | 99.7 | 90 | 110 | | | | |

Sample ID **N079652-002AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274278**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 1.021 | 0.039 | 0.20 | 1.000 | 0 | 102 | 90 | 110 | | | | |

Sample ID **N079652-003AMS** SampType: **MS** TestCode: **218.6_WPGE** Units: **µg/L** Prep Date: RunNo: **211634**
Client ID: **ZZZZZZ** Batch ID: **R211634** TestNo: **EPA 218.6** Analysis Date: **12/11/2025** SeqNo: **7274282**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | 4.836 | 0.19 | 1.0 | 5.000 | 0 | 96.7 | 90 | 110 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079652-004AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274284 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.923 | 0.19 | 1.0 | 5.000 | 0 | 98.5 | 90 | 110 | | | | | | |

| Sample ID | N079652-009AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274288 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.987 | 0.19 | 1.0 | 5.000 | 0 | 99.7 | 90 | 110 | | | | | | |

| Sample ID | N079652-001AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211634 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211634 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274290 | | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Hexavalent Chromium | 4.812 | 0.19 | 1.0 | 5.000 | 0 | 96.2 | 90 | 110 | | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | MB-R211702 | SampType: | MBLK | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274299 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | ND | 0.039 | 0.20 | | | | | | | | | | |

| Sample ID | LCS-R211702 | SampType: | LCS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274300 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 5.015 | 0.039 | 0.20 | 5.000 | 0 | 100 | 90 | 110 | | | | | |

| Sample ID | N079652-013ADUP | SampType: | DUP | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274302 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 145.126 | 0.77 | 4.0 | | | | | | 147.0 | 1.31 | 20 | | |

| Sample ID | N079652-013AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274305 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 244.338 | 0.77 | 4.0 | 100.0 | 147.0 | 97.3 | 90 | 110 | | | | | |

| Sample ID | N079652-013AMSD | SampType: | MSD | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274306 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 248.688 | 0.77 | 4.0 | 100.0 | 147.0 | 102 | 90 | 110 | 244.3 | 1.76 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 218.6_WPGE**

| Sample ID | N079653-006AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274308 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 3.322 | 0.039 | 0.20 | 1.000 | 2.372 | 95.1 | 90 | 110 | | | | | |

| Sample ID | N079653-007AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7274310 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 41.597 | 0.19 | 1.0 | 25.00 | 16.68 | 99.7 | 90 | 110 | | | | | |

| Sample ID | N079653-008AMS | SampType: | MS | TestCode: | 218.6_WPGE | Units: | µg/L | Prep Date: | | | RunNo: | 211702 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211702 | TestNo: | EPA 218.6 | | | Analysis Date: | 12/12/2025 | | SeqNo: | 7274312 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Hexavalent Chromium | 1.029 | 0.039 | 0.20 | 1.000 | 0.09080 | 93.8 | 90 | 110 | | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

| Sample ID | MB-125963 | SampType: | MBLK | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303305 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | 0.13 | 1.0 | | | | | | | | | |

| Sample ID | LCS-125963 | SampType: | LCS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303306 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 10.395 | 0.13 | 1.0 | 10.00 | 0 | 104 | 85 | 115 | | | | |

| Sample ID | N079652-013BMS | SampType: | MS | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303319 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 159.739 | 0.13 | 1.0 | 10.00 | 151.6 | 81.3 | 75 | 125 | | | | |

| Sample ID | N079652-013BMSD | SampType: | MSD | TestCode: | 6020DIS_CrP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212108 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303320 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 161.365 | 0.13 | 1.0 | 10.00 | 151.6 | 97.5 | 75 | 125 | 159.7 | 1.01 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020DIS_CrPGE_TPK**

Sample ID **N079652-013B-PS** SampType: **PS** TestCode: **6020DIS_CrP** Units: **µg/L** Prep Date: RunNo: **212108**
Client ID: **ZZZZZZ** Batch ID: **125963** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303318**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | 150.970 | 0.13 | 1.0 | 10.00 | 151.6 | -6.42 | 80 | 120 | | | | S |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652 / N079653
Test Method: EPA 6020
Analysis Date: 12/18/2025

Matrix: Groundwater
Batch No.: 125963

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test for Cr failed. However, PS passed criteria.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079652-013B DT 5x | Chromium | Cr | µg/L | 133.5997 | FAIL | 151.6118 | 11.88% | 10 |

12/30/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-22-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 8:58:00 AM |
| **Lab ID:** | N079652-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 02:01 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-90-031-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:08:00 AM |
| **Lab ID:** | N079652-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 02:18 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:36:00 AM |
| **Lab ID:** | N079652-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 230 | 17 | 25 | | mg/L | 50 | 12/11/2025 02:34 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 6.8 | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 11:50 AM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:02:00 PM |
| **Lab ID:** | N079652-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 380 | 17 | 25 | | mg/L | 50 | 12/11/2025 03:07 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 4.6 | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 12:23 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:13:00 AM |
| **Lab ID:** | N079652-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 490 | 17 | 25 | | mg/L | 50 | 12/11/2025 03:56 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 2.5 | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 12:39 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:57:00 PM |
| **Lab ID:** | N079652-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 640 | 17 | 25 | | mg/L | 50 | 12/11/2025 04:13 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | ND | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 12:55 PM |

**Qualifiers:**

| | |
|---|---|
| B | Analyte detected in the associated Method Blank |
| H | Holding times for preparation or analysis exceeded |
| S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out |
| E | Value above quantitation range |
| ND | Not Detected at the Reporting Limit |
| | Results are wet unless otherwise specified |
| (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:14:00 PM |
| **Lab ID:** | N079652-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Sulfate | 640 | 17 | 25 | | mg/L | 50 | 12/11/2025 05:02 PM |
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 4.0 | 0.24 | 0.50 | | mg/L | 10 | 12/11/2025 01:45 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-25-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 1:21:00 PM |
| **Lab ID:** | N079652-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **ANIONS BY ION CHROMATOGRAPHY** | | | | | | | |
| | | | **EPA 300.0** | | | | |
| RunID: **NV00922-IC9_251211A** | QC Batch: **R211630** | | | PrepDate: | | | Analyst: **RAB** |
| Nitrate as N | 18 | 0.48 | 1.0 | | mg/L | 20 | 12/11/2025 11:01 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300_W_SO4PGE**

| Sample ID | MB-R211630_SO4 | SampType: | MBLK | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270854 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | ND | 0.34 | 0.50 | | | | | | | | | | |

| Sample ID | LCS-R211630_SO4 | SampType: | LCS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270855 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 3.829 | 0.34 | 0.50 | 4.000 | 0 | 95.7 | 90 | 110 | | | | | |

| Sample ID | N079652-006BDUP | SampType: | DUP | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270859 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 219.935 | 17 | 25 | | | | | | 228.3 | 3.71 | 20 | | |

| Sample ID | N079652-007BMS | SampType: | MS | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270861 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 567.460 | 17 | 25 | 200.0 | 378.7 | 94.4 | 80 | 120 | | | | | |

| Sample ID | N079652-007BMSD | SampType: | MSD | TestCode: | 300_W_SO4P | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270862 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Sulfate | 567.410 | 17 | 25 | 200.0 | 378.7 | 94.3 | 80 | 120 | 567.5 | 0.00881 | 20 | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 300WLLNO3PGE**

| Sample ID | MB-R211630_NO3 | SampType: | MBLK | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270831 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | ND | 0.024 | 0.050 | | | | | | | | | | |

| Sample ID | LCS-R211630_NO3 | SampType: | LCS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270832 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 1.239 | 0.024 | 0.050 | 1.250 | 0 | 99.1 | 90 | 110 | | | | | |

| Sample ID | N079652-013CMS | SampType: | MS | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270834 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 42.814 | 0.48 | 1.0 | 25.00 | 17.69 | 101 | 80 | 120 | | | | | |

| Sample ID | N079652-013CMSD | SampType: | MSD | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270835 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 42.510 | 0.48 | 1.0 | 25.00 | 17.69 | 99.3 | 80 | 120 | 42.81 | 0.713 | 20 | | |

| Sample ID | N079652-006BDUP | SampType: | DUP | TestCode: | 300WLLNO3 | Units: | mg/L | Prep Date: | | | RunNo: | 211630 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | R211630 | TestNo: | EPA 300.0 | | | Analysis Date: | 12/11/2025 | | SeqNo: | 7270837 | |
| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual | |
| Nitrate as N | 6.774 | 0.24 | 0.50 | | | | | | 6.832 | 0.853 | 20 | | |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- (M) Test is modified

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-22-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 8:58:00 AM |
| **Lab ID:** | N079652-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 15 | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 06:58 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-90-031-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:08:00 AM |
| **Lab ID:** | N079652-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 14 | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 06:42 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:36:00 AM |
| **Lab ID:** | N079652-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 06:28 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:02:00 PM |
| **Lab ID:** | N079652-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.4 | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 06:16 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:13:00 AM |
| **Lab ID:** | N079652-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | ND | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 05:45 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:57:00 PM |
| **Lab ID:** | N079652-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.5 | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 05:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:14:00 PM |
| **Lab ID:** | N079652-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **TOTAL ORGANIC CARBON** | | | | | | | |
| | | | **SM 5310B** | | | | |
| RunID: **NV00922-TOC5_251212A** | QC Batch: **125974** | | | PrepDate: | **12/12/2025** | | Analyst: **CA** |
| Organic Carbon, Total | 1.5 | 0.090 | 1.0 | | mg/L | 1 | 12/12/2025 05:20 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 5310B_W_T_PGE**

| Sample ID **LCS-125974** | SampType: **LCS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283321** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 4.969 | 0.090 | 1.0 | 5.000 | 0 | 99.4 | 85 | 115 | | | | |

| Sample ID **MB-125974** | SampType: **MBLK** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283322** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | ND | 0.090 | 1.0 | | | | | | | | | |

| Sample ID **N079691-001D-MS** | SampType: **MS** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283324** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.513 | 0.090 | 1.0 | 5.000 | 0.4965 | 100 | 75 | 125 | | | | |

| Sample ID **N079691-001D-MSD** | SampType: **MSD** | TestCode: **5310B_W_T_** | Units: **mg/L** | Prep Date: **12/12/2025** | RunNo: **211807** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125974** | TestNo: **SM 5310B** | | Analysis Date: **12/12/2025** | SeqNo: **7283325** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic Carbon, Total | 5.532 | 0.090 | 1.0 | 5.000 | 0.4965 | 101 | 75 | 125 | 5.513 | 0.344 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-22-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 8:58:00 AM |
| **Lab ID:** | N079652-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 17000 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:17 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-90-031-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:08:00 AM |
| **Lab ID:** | N079652-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 3700 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:19 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:36:00 AM |
| **Lab ID:** | N079652-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:29 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:02:00 PM |
| **Lab ID:** | N079652-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:31 PM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:13:00 AM |
| **Lab ID:** | N079652-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| **EPA 3010A** | | | **EPA 6010B** | | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | 25 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:33 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:57:00 PM |
| **Lab ID:** | N079652-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6010B** | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Iron | 1100 | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:36 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:14:00 PM |
| **Lab ID:** | N079652-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6010B** | | | |
| RunID: **NV00922-ICP4_251214G** | QC Batch: **125970** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Iron | ND | 5.8 | 20 | | µg/L | 1 | 12/14/2025 11:38 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID **MB-125970** | SampType: **MBLK** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284494** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | ND | 5.8 | 20 | | | | | | | | | |

| Sample ID **LCS-125970** | SampType: **LCS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284495** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 108.470 | 5.8 | 20 | 100.0 | 0 | 108 | 85 | 115 | | | | |

| Sample ID **N079588-001C-MS** | SampType: **MS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284499** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 97.420 | 5.8 | 20 | 100.0 | 11.91 | 85.5 | 75 | 125 | | | | |

| Sample ID **N079588-001C-MSD** | SampType: **MSD** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **211829** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284500** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 101.850 | 5.8 | 20 | 100.0 | 11.91 | 89.9 | 75 | 125 | 97.42 | 4.45 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6010_WDPGEPPB**

| Sample ID | **N079588-001C-PS** | SampType: **PS** | TestCode: **6010_WDPG** | Units: **µg/L** | Prep Date: | RunNo: **211829** |
|---|---|---|---|---|---|---|
| Client ID: | **ZZZZZZ** | Batch ID: **125970** | TestNo: **EPA 6010B** | **EPA 3010A** | Analysis Date: **12/14/2025** | SeqNo: **7284498** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iron | 102.730 | 5.8 | 20 | 100.0 | 11.91 | 90.8 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652
Test Method: EPA 6010B
Analysis Date: 12/14/2025

Matrix: Groundwater
Batch No.: 125970

Instrument ID: NV00922-ICP4
Instrument Description: Agilent 5800VDV

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Fe. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079588-001C DT 5x | Iron | Fe | µg/L | 0 | NA | 11.91 | 100.00% | 10 |

Note: NA - Not Applicable

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-22-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 8:58:00 AM |
| **Lab ID:** | N079652-003 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | | PrepDate: **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 12 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 07:20 AM |
| Barium | 120 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 09:47 AM |
| Manganese | 2700 | 4.6 | 50 | | µg/L | 100 | 12/21/2025 03:04 PM |
| Molybdenum | 54 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 09:47 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/22/2025 12:19 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-90-031-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:08:00 AM |
| **Lab ID:** | N079652-004 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 4.8 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 07:26 AM |
| Barium | 480 | 0.50 | 10 | | µg/L | 10 | 12/21/2025 03:10 PM |
| Manganese | 1400 | 0.46 | 5.0 | | µg/L | 10 | 12/21/2025 03:10 PM |
| Molybdenum | 15 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 09:53 AM |
| Selenium | ND | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 09:53 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-070-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 10:36:00 AM |
| **Lab ID:** | N079652-006 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | **EPA 6020** | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 1.1 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 03:35 PM |
| Barium | 39 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 09:59 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 09:59 AM |

| | | | | | |
|---|---|---|---|---|---|
| **Qualifiers:** | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| | S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| | DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-100-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 12:02:00 PM |
| **Lab ID:** | N079652-007 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | 0.75 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 04:05 PM |
| Barium | 41 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 10:05 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 10:05 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-20-130-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 11:13:00 AM |
| **Lab ID:** | N079652-008 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | | PrepDate: **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 07:43 AM |
| Barium | 42 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 10:11 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 10:11 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-21-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:57:00 PM |
| **Lab ID:** | N079652-009 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| **EPA 3010A** | | | **EPA 6020** | | | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | PrepDate: | **12/12/2025** | | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 07:49 AM |
| Barium | 79 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 10:17 AM |
| Manganese | 380 | 0.46 | 5.0 | | µg/L | 10 | 12/21/2025 03:22 PM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-71-035-1225 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 2:14:00 PM |
| **Lab ID:** | N079652-011 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | ND | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 07:55 AM |
| Barium | 41 | 0.050 | 1.0 | | µg/L | 1 | 12/19/2025 10:23 AM |
| Manganese | 24 | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 10:23 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

| | | | |
|---|---|---|---|
| **CLIENT:** | ARCADIS U.S., Inc. - California | **Client Sample ID:** | MW-25-Q425 |
| **Lab Order:** | N079652 | | |
| **Project:** | PG&E Topock - PCM, 30251660 | **Collection Date:** | 12/10/2025 1:21:00 PM |
| **Lab ID:** | N079652-013 | **Matrix:** | GROUNDWATER |

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|---|
| **DISSOLVED METALS BY ICP-MS** | | | | | | | |
| | **EPA 3010A** | | | | **EPA 6020** | | |
| RunID: **NV00922-ICP8_251223D** | QC Batch: **125963** | | | | PrepDate: | **12/12/2025** | Analyst: **DJ** |
| Arsenic | 1.0 | 0.067 | 0.10 | | µg/L | 1 | 12/24/2025 08:18 AM |
| Manganese | ND | 0.046 | 0.50 | | µg/L | 1 | 12/19/2025 10:46 AM |
| Molybdenum | 7.7 | 0.063 | 0.50 | | µg/L | 1 | 12/19/2025 10:46 AM |
| Selenium | 9.6 | 0.29 | 0.50 | | µg/L | 1 | 12/19/2025 10:46 AM |

**Qualifiers:**

| | | | |
|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit |
| S | Spike/Surrogate outside of limits due to matrix interference | | Results are wet unless otherwise specified |
| DO | Surrogate Diluted Out | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID **MB-125963** | SampType: **MBLK** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212107** |
|---|---|---|---|---|---|
| Client ID: **PBW** | Batch ID: **125963** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303149** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | ND | 0.050 | 1.0 | | | | | | | | | |
| Manganese | ND | 0.046 | 0.50 | | | | | | | | | |
| Molybdenum | ND | 0.063 | 0.50 | | | | | | | | | |
| Selenium | ND | 0.29 | 0.50 | | | | | | | | | |

| Sample ID **LCS-125963** | SampType: **LCS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212107** |
|---|---|---|---|---|---|
| Client ID: **LCSW** | Batch ID: **125963** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303150** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 10.692 | 0.050 | 1.0 | 10.00 | 0 | 107 | 85 | 115 | | | | |
| Manganese | 106.935 | 0.046 | 0.50 | 100.0 | 0 | 107 | 85 | 115 | | | | |
| Molybdenum | 10.077 | 0.063 | 0.50 | 10.00 | 0 | 101 | 85 | 115 | | | | |
| Selenium | 10.176 | 0.29 | 0.50 | 10.00 | 0 | 102 | 85 | 115 | | | | |

| Sample ID **N079652-013BMS** | SampType: **MS** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212107** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125963** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303163** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 58.550 | 0.050 | 1.0 | 10.00 | 49.76 | 87.9 | 75 | 125 | | | | |
| Manganese | 102.335 | 0.046 | 0.50 | 100.0 | 0 | 102 | 75 | 125 | | | | |
| Molybdenum | 18.993 | 0.063 | 0.50 | 10.00 | 7.712 | 113 | 75 | 125 | | | | |
| Selenium | 18.888 | 0.29 | 0.50 | 10.00 | 9.639 | 92.5 | 75 | 125 | | | | |

| Sample ID **N079652-013BMSD** | SampType: **MSD** | TestCode: **6020_DIS_TP** | Units: **µg/L** | Prep Date: **12/12/2025** | RunNo: **212107** |
|---|---|---|---|---|---|
| Client ID: **ZZZZZZ** | Batch ID: **125963** | TestNo: **EPA 6020** | **EPA 3010A** | Analysis Date: **12/19/2025** | SeqNo: **7303164** |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 57.913 | 0.050 | 1.0 | 10.00 | 49.76 | 81.5 | 75 | 125 | 58.55 | 1.09 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

| Sample ID | N079652-013BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212107 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/19/2025 | SeqNo: | 7303164 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 103.186 | 0.046 | 0.50 | 100.0 | 0 | 103 | 75 | 125 | 102.3 | 0.827 | 20 | |
| Molybdenum | 18.718 | 0.063 | 0.50 | 10.00 | 7.712 | 110 | 75 | 125 | 18.99 | 1.45 | 20 | |
| Selenium | 19.469 | 0.29 | 0.50 | 10.00 | 9.639 | 98.3 | 75 | 125 | 18.89 | 3.03 | 20 | |

| Sample ID | MB-125963 | SampType: | MBLK | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | PBW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317324 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.067 | 0.10 | | | | | | | | | |

| Sample ID | LCS-125963 | SampType: | LCS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | LCSW | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317325 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.292 | 0.067 | 0.10 | 10.00 | 0 | 103 | 85 | 115 | | | | |

| Sample ID | N079652-013BMS | SampType: | MS | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317338 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.751 | 0.067 | 0.10 | 10.00 | 1.046 | 107 | 75 | 125 | | | | |

| Sample ID | N079652-013BMSD | SampType: | MSD | TestCode: | 6020_DIS_TP | Units: | µg/L | Prep Date: | 12/12/2025 | RunNo: | 212348 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | ZZZZZZ | Batch ID: | 125963 | TestNo: | EPA 6020 | EPA 3010A | | Analysis Date: | 12/24/2025 | SeqNo: | 7317339 |

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 11.478 | 0.067 | 0.10 | 10.00 | 1.046 | 104 | 75 | 125 | 11.75 | 2.35 | 20 | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**CLIENT:** ARCADIS U.S., Inc. - California
**Work Order:** N079652
**Project:** PG&E Topock - PCM, 30251660

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 6020_DIS_TPK**

Sample ID **N079652-013B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212107**
Client ID: **ZZZZZZ** Batch ID: **125963** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/19/2025** SeqNo: **7303162**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barium | 56.211 | 0.050 | 1.0 | 10.00 | 49.76 | 64.5 | 80 | 120 | | | | S |
| Manganese | 100.822 | 0.046 | 0.50 | 100.0 | 0 | 101 | 80 | 120 | | | | |
| Molybdenum | 17.870 | 0.063 | 0.50 | 10.00 | 7.712 | 102 | 80 | 120 | | | | |
| Selenium | 19.030 | 0.29 | 0.50 | 10.00 | 9.639 | 93.9 | 80 | 120 | | | | |

Sample ID **N079652-013B-PS** SampType: **PS** TestCode: **6020_DIS_TP** Units: **µg/L** Prep Date: RunNo: **212348**
Client ID: **ZZZZZZ** Batch ID: **125963** TestNo: **EPA 6020** **EPA 3010A** Analysis Date: **12/24/2025** SeqNo: **7317337**

| Analyte | Result | MDL | PQL | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.848 | 0.067 | 0.10 | 10.00 | 1.046 | 98.0 | 80 | 120 | | | | |

**Qualifiers:**

| | | | | | |
|---|---|---|---|---|---|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | (M) | Test is modified |

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652 / N079653
Test Method: EPA 6020
Analysis Date: 12/18/2025

Matrix: Groundwater
Batch No.: 125963

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to Mn, Mo, Se. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079652-013B DT 5x | Barium | Ba | µg/L | 44.94598 | PASS | 49.75894 | 9.67% | 10 |
| N079652-013B DT 5x | Manganese | Mn | µg/L | 0 | NA | 0 | | 10 |
| N079652-013B DT 5x | Molybdenum | Mo | µg/L | 6.479796 | NA | 7.712028 | 15.98% | 10 |
| N079652-013B DT 5x | Selenium | Se | µg/L | 8.956255 | NA | 9.639429 | 7.09% | 10 |

12/30/2025

Note: NA - Not Applicable

12/30/25 15:54

N079652_6020_125963_DT

**ASSET Laboratories**

**ICP-MS-Metals in Water**

**Dilution Test Summary**

Work Order No.: N079652 / N079653
Test Method: EPA 6020
Analysis Date: 12/23/2025

Matrix: Groundwater
Batch No.: 125963

Instrument ID: NV00922-ICP8 (ICPMS-03)
Instrument Description: Agilent 7800

Comments:

Analyzed By: Diane Jetajobe

Dilution test is not applicable to As. The calculated concentration is <25RL.

| Sample ID | Analyte | Symbol | Units | Calc Val | Oqual | SAMPRefVal | %DIFF | %DIFFlimit |
|---|---|---|---|---|---|---|---|---|
| N079652-013B DT 5x | Arsenic | As | µg/L | 0.9303561 | NA | 1.045558 | 11.02% | 10 |

12/30/2025

Note: NA - Not Applicable
06/06/24 18:06

DT_EPA 6020_N065281_109066

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

# CHAIN OF CUSTODY RECORD

ARCUS02 C: 12/25/202 12:00 AM
FOLDER R: 12/10/2025
N079652-014A 1 of 1

Page 1 of 1

| | | | |
|---|---|---|---|
| Client: Arcadis | Report to: Laura Madsen | Bill to: Janet Newman | EDD Re |
| Address: 630 Plaza Dr, Suite 200 | Company: Arcadis | Address: | Excel EDD |
| Address: Highlands Ranch, CO 80129 | Email: laura.madsen@arcadis.com | Address: | Geotracker |
| Phone: 720-344-3500 Fax: | Address: | Email to: janet.newman@arcadis.com P.O.# | Labspec |
| Submitted By: Riggin Top | | Phone: 949 293-2445 Fax: | Others ✓ |
| Title: Field Tech | Phone: 720-344-3771 Fax: | | Specify: RWQCB |
| Signature: Date: 12-10-25 | Sampled By: Riggin Top | | Global ID: |
| I hereby authorize ASSET Labs to perform the tests indicated below. | I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for | | |
| Project Name: PG&E Topock - PCM | Signature: Date: 12-10-25 | | |
| Project Number: 30251660 | | | |

| | | | |
|---|---|---|---|
| RTNE | | 1. Chilled | Y / N |
| RWQCB | ✓ | 2. Headspace | |
| CalTrans | | 3. Container Intact | / |
| LEVEL III | | 4. Seal Present | |
| LEVEL IV | | 5. IR number 4 | |
| Regulatory | | 6. Method of Cooling: | |
| Specify State: | | Sample Temp: 4.5/1.8°C | |
| | | Courier: ASSET | |
| | | Tracking No.: | |

Matrix: Ground X Sediment; Potable; Soil; NPDES; Other Solid; Surface

| Item No. | Laboratory Work Order No. | Sample ID/Location | Sample Date | Sample Time | Others | Cr(VI) FF (E218.6) (NH4)2, SO4, NH4, OH 250 mL poly | Nitrate as N, sulfate (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 Arsenic, Iron, Barium, Manganese 500mL poly | Dissolved metals (SW6020) FF; HNO3 Total Dissolved Chromium, 500mL poly | Dissolved metals (SW6020) FF; HNO3 Molybdenum, Selenium 500mL poly | Total Organic Carbon (SM5310B); H2SO4, 250 mL Amber | Nitrate/Nitrite as Nitrogen (SM4500NH3); H2SO4 125 mL poly | Ammonia as Nitrogen (SM4500NH3); H2SO4 1 L poly | Nitrate as N (EPA 300.0) 1 L poly | Dissolved metals (SW6020) FF; HNO3 arsenic, manganese 500mL poly | Turn Around Time | No. of Container | Container Type | PRESERVATION | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N079652-001 | ✓ MW-81-043-1225 | 12/10/2025 | 11:06 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 2 | -002 | ✓ MW-81-098-1225 | 12/10/2025 | 11:46 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 3 | -003 | ✓ MW-22-Q425 | 12/10/2025 | 8:58 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS | |
| 4 | -004 | ✓ MW-90-031-Q425 | 12/10/2025 | 10:08 | | X | | X | X | X | X | | | X | | E | 4 | P | BNS | |
| 5 | -005 | ✓ EB-747-Q425 | 12/10/2025 | 12:00 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 6 | -006 | ✓ MW-20-070-1225 | 12/10/2025 | 10:36 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 7 | -007 | ✓ MW-20-100-1225 | 12/10/2025 | 12:02 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 8 | -008 | ✓ MW-20-130-1225 | 12/10/2025 | 11:13 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 9 | -009 | ✓ MW-21-1225 | 12/10/2025 | 14:57 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 10 | -010 | ✓ MW-21-EB-1225 | 12/10/2025 | 14:40 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 11 | -011 | ✓ MW-71-035-1225 | 12/10/2025 | 14:14 | | X | X | X | | | X | | | | | E | 4 | P | BNS | |
| 12 | -012 | ✓ EB-746-Q425 | 12/10/2025 | 15:20 | | X | | | | | | | | | | E | 1 | P | BNS | |
| 13 | -013 | ✓ MW-25-Q425 | 12/10/2025 | 13:21 | | X | | | X | X | | | | X | X | E | 3 | P | BNS | MS/MSD |
| 14 | | | | | | | | | | | | | | | | | | | | |

Relinquished by (Signature and Printed Name): Riggin Top Date/Time: 12-10-25 17:05
Relinquished by (Signature and Printed Name): Ron Rouco Arcadis Date/Time: 12/10/25 17:05
Relinquished by (Signature and Printed Name): Ron Rouco Arcadis Date/Time: 12/10/25 19:52
Relinquished by (Signature and Printed Name): Ron Rouco Arcadis Date/Time: 12/10/25 19:52
Relinquished by (Signature and Printed Name): Date/Time:
Relinquished by (Signature and Printed Name): Date/Time:

**Turn Around Time (TAT)**

- [ ] A = < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00PM.

**Special Instruction:**

Terms
1. All samples will be disposed in 45 days and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs.=200% Next Day=100% 2 Workdays=50% 3 Workdays=35 % 4 Workdays=20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project
5. Trip Blanks and Equipment Blanks are billable sample.
6. Asset Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

| Preservatives: | | | | Container Type: | | |
|---|---|---|---|---|---|---|
| H=HCL | N=$HNO_3$ | S=$H_2SO_4$ | C=4°C | T=Tube | V=VOA | P=Pint |
| Z=Zn(AC)$_2$ | O=NaOH | T=$Na_2S_2O_3$ | | J=Jar | B=Tedlar | G=Glass |
| Others/Specify: | B (NH4)2SO4/NH4OH | | | M=Metal | M=Metal | C=Can |

White=Laboratory Copy
Yellow=Customer's Copy

## ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

| | | | |
|---|---|---|---|
| Cooler Received/Opened On: | 12/10/2025 | Workorder: | N079652 |
| Rep sample Temp (Deg C): | 4.5 / 1.8 | IR Gun ID: | 4 |

Temp Blank: ☑ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: N/A  Packing Material Used: None

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

### Sample Receipt Checklist

| | | | |
|---|---|---|---|
| 1. Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. Custody seals intact, signed, dated on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. Chain of custody present? | Yes ☑ | No ☐ | |
| 5. Sampler's name present in COC? | Yes ☑ | No ☐ | |
| 6. Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 7. Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| 8. Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 9. Sample containers intact? | Yes ☑ | No ☐ | |
| 10. Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 11. All samples received within holding time? | Yes ☑ | No ☐ | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes ☑ | No ☐ | NA ☐ |
| 13. Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | NA ☑ |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes ☑ | No ☐ | NA ☐ |
| 15. Did the bottle labels indicate correct preservatives used? | Yes ☑ | No ☐ | NA ☐ |
| 16. Were there Non-Conformance issues at login? | Yes ☐ | No ☐ | NA ☑ |
| Was Client notified? | Yes ☐ | No ☐ | NA ☑ |

Comments:

Checklist Completed By: MRC *MarcusC*
12/11/2025

Reviewed By: For: MBC Mary Ann Yarra
12/16/2025

# ASSET Laboratories

## WORK ORDER Summary

*11-Dec-25*

**WorkOrder:** N079652

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/10/2025 7:52 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079652-001A | MW-81-043-1225 | 12/10/2025 11:06:00 AM | 12/26/2025 | Groundwater | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-002A | MW-81-098-1225 | 12/10/2025 11:46:00 AM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-003A | MW-22-Q425 | 12/10/2025 8:58:00 AM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-003B | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-003C | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079652-003D | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-004A | MW-90-031-Q425 | 12/10/2025 10:08:00 AM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-004B | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-004C | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | VW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | VW |
| N079652-004D | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-005A | EB-747-Q425 | 12/10/2025 12:00:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-006A | MW-20-070-1225 | 12/10/2025 10:36:00 AM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |

# ASSET Laboratories

## WORK ORDER Summary

*11-Dec-25*

**WorkOrder:** N079652

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/10/2025 7:52 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079652-006B | MW-20-070-1225 | 12/10/2025 10:36:00 AM | 12/26/2025 | Groundwater | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-006C | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-006D | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N079652-007A | MW-20-100-1225 | 12/10/2025 12:02:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-007B | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-007C | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-007D | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N079652-008A | MW-20-130-1225 | 12/10/2025 11:13:00 AM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-008B | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-008C | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*11-Dec-25*

**WorkOrder:** N079652

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/10/2025 7:52 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079652-008C | MW-20-130-1225 | 12/10/2025 11:13:00 AM | 12/26/2025 | Groundwater | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-008D | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N079652-009A | MW-21-1225 | 12/10/2025 2:57:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-009B | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-009C | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-009D | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N079652-010A | MW-21-EB-1225 | 12/10/2025 2:40:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-011A | MW-71-035-1225 | 12/10/2025 2:14:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-011B | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☐ | ☐ | WW |
| N079652-011C | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6010B | DISSOLVED METALS BY ICP | ☐ | ☐ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☐ | ☐ | WW |
| N079652-011D | | | 12/26/2025 | | | Organic Carbon Prep | ☐ | ☐ | ☐ | WW |

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## WORK ORDER Summary

*11-Dec-25*

**WorkOrder:** N079652

**Client ID:** ARCUS02

**Project:** PG&E Topock - PCM, 30251660 **QC Level:** Level IV **Date Received:** 12/10/2025 7:52 PM

**Comments:**

| Sample ID | Client Sample ID | Date Collected | Date Due | Matrix | Test No | Test Name | Hld | MS | Sub | Storage |
|---|---|---|---|---|---|---|---|---|---|---|
| N079652-011D | MW-71-035-1225 | 12/10/2025 2:14:00 PM | 12/26/2025 | Groundwater | SM 5310B | TOTAL ORGANIC CARBON | ☐ | ☐ | ☐ | WW |
| N079652-012A | EB-746-Q425 | 12/10/2025 3:20:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☐ | ☐ | WW |
| N079652-013A | MW-25-Q425 | 12/10/2025 1:21:00 PM | 12/26/2025 | | EPA 218.6 | Hexavalent Chromium by IC | ☐ | ☑ | ☐ | WW |
| N079652-013B | | | 12/26/2025 | | EPA 3010A | AQPREP TOTAL METALS: ICP, FLAA | ☐ | ☑ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| | | | 12/26/2025 | | EPA 6020 | DISSOLVED METALS BY ICP-MS | ☐ | ☑ | ☐ | WW |
| N079652-013C | | | 12/26/2025 | | EPA 300.0 | ANIONS BY ION CHROMATOGRAPHY | ☐ | ☑ | ☐ | WW |
| N079652-014A | FOLDER | 12/26/2025 | 12/26/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |
| | | | 12/26/2025 | | Folder | Level IV Report | ☐ | ☐ | ☐ | LAB |
| | | | 12/26/2025 | | Folder | Folder | ☐ | ☐ | ☐ | LAB |