

Appendix D

Field Sampling Forms, Fourth Quarter 2025

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

Location ID: MW-28-025 **Date(s):** 2025-11-19 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 13.00-23.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 12.49 **Total Depth (ft-bmp):** 23.28 **Water Column(ft):** 10.79 **Liters in Well:** 6.67

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 21 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 12:19 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-28-025-Q425 **Sample Time:** 12:35

Purge End Time: 12:34 **Well Volumes Purged (total):** 0.67 **Replicate Type / Replicate ID:** Equipment Blank / MW-28-025-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:19	0	300	mL/min	12.41	6.97	1.09	1.384	1972	10	0.74	20.6	108.7	Clear	No Odor
12:22	3	300	mL/min	12.42	6.93	1.04	1.326	1886	10	0.51	21	105.4	Clear	No Odor
12:25	6	300	mL/min	12.42	6.9	1.04	1.319	1887	10	0.43	21.2	75.4	Clear	No Odor
12:28	9	300	mL/min	12.42	6.89	1.04	1.319	1883	10	0.38	21.2	72.2	Clear	No Odor
12:31	12	300	mL/min	12.42	6.88	1.06	1.317	1885	10	0.4	21	72.6	Clear	No Odor
12:34	15	300	mL/min	12.43	6.88	1.08	1.315	1888	10	0.42	21	72.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-28-090 **Date(s):** 2025-11-19 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 70.00-90.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 13.34 **Total Depth (ft-bmp):** 97.8 **Water Column(ft):** 84.46 **Liters in Well:** 52.18

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 95 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 11:51 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-28-090-Q425 **Sample Time:** 12:07

Purge End Time: 12:07 **Well Volumes Purged (total):** 0.09 **Replicate Type / Replicate ID:** Equipment Blank / MW-28-090-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:51	0	300	mL/min	13.34	7.26	4.68	5.473	7488	13	1.11	18.4	95.4	Clear	No Odor
11:54	3	300	mL/min	13.34	7.08	4.33	5.07	6879	13	0.56	18.5	94.3	Clear	No Odor
11:57	6	300	mL/min	13.34	7.11	4.55	5.401	7187	11	0.39	18.3	92.6	Clear	No Odor
12:00	9	300	mL/min	13.34	7.13	4.82	5.596	7416	11	0.34	17.7	92.1	Clear	No Odor
12:03	12	300	mL/min	13.35	7.15	4.82	5.593	7413	11	0.36	17.6	92.5	Clear	No Odor
12:06	15	300	mL/min	13.35	7.15	4.82	5.596	7414	11	0.34	17.5	92.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-32-020 **Date(s):** 2025-11-19 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 10.00-20.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 7.16 **Total Depth (ft-bmp):** 19.18 **Water Column(ft):** 12.02 **Liters in Well:** 7.43

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 18 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 14:03 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-32-020-Q425 **Sample Time:** 14:19

Purge End Time: 14:18 **Well Volumes Purged (total):** 0.61 **Replicate Type / Replicate ID:** Equipment Blank / MW-32-020-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:03	0	300	mL/min	7.16	6.91	14.84	15.85	23564	10	0.34	24.1	142.3	Clear	No Odor
14:06	3	300	mL/min	7.17	6.95	15.91	16.93	25832	10	0.25	24.4	137.1	Clear	No Odor
14:09	6	300	mL/min	7.18	6.95	15.91	16.94	25795	10	0.25	24.5	132.1	Clear	No Odor
14:12	9	300	mL/min	7.18	6.95	15.36	16.4	25076	10	0.29	24.6	130	Clear	No Odor
14:15	12	300	mL/min	7.19	6.93	15.32	16.42	25072	10	0.25	24.2	130.7	Clear	No Odor
14:18	15	300	mL/min	7.20	6.94	15.32	16.45	25074	10	0.23	24.1	130.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-32-035
 Date(s): 2025-11-19
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 27.50-35.00
 Casing Diameter (in): 4.00
 Well Casing Material:

Static Water Level (ft-bmp): 7.55
 Total Depth (ft-bmp): 37.1
 Water Column(ft): 29.55
 Liters in Well: 73.02

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 35
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 13:29
 Total Volume Purged (liters): 4.5
 Sample ID: MW-32-035-Q425
 Sample Time: 13:45

Purge End Time: 13:44
 Well Volumes Purged (total): 0.06
 Replicate Type / Replicate ID: Equipment Blank / MW-32-035-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:29	0	300	mL/min	7.55	6.91	5.88	6.668	9023	18	1.77	21.2	189.7	Clear	No Odor
13:32	3	300	mL/min	7.55	6.69	6.66	7.572	11153	15	0.45	22.9	181.2	Clear	No Odor
13:35	6	300	mL/min	7.56	6.7	6.7	7.722	11484	15	0.28	23.3	176.4	Clear	No Odor
13:38	9	300	mL/min	7.57	6.72	6.79	7.722	11463	13	0.28	23.1	171.2	Clear	No Odor
13:41	12	300	mL/min	7.58	6.73	6.79	7.725	11465	13	0.26	23.1	174.4	Clear	No Odor
13:44	15	300	mL/min	7.59	6.74	6.79	7.725	11467	13	0.26	23.1	174.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-86-120
 Date(s): 2025-11-19
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 100.00-120.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 13.42
 Total Depth (ft-bmp): 123.39
 Water Column(ft): 109.97
 Liters in Well: 67.94

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 121
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:55
 Total Volume Purged (liters): 4.5
 Sample ID: MW-86-120-Q425
 Sample Time: 11:11

Purge End Time: 11:10
 Well Volumes Purged (total): 0.07
 Replicate Type / Replicate ID: MS/MSD / MW-86-120-Q425 Equipment Blank / EB-725-Q425
 Water Quality Meter/ ID: Hach 2100-P, YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:55	0	300	mL/min	13.42	7.19	6.59	7.637	10005	19	2.31	16.9	108.7	Clear	No Odor
10:58	3	300	mL/min	13.43	7.15	6.45	7.338	9586	19	1.47	17	102.4	Clear	No Odor
11:01	6	300	mL/min	13.44	7.19	6.42	7.299	9538	19	1.15	17.1	101.3	Clear	No Odor
11:04	9	300	mL/min	13.45	7.19	6.42	7.299	9575	19	1.13	17.3	100.4	Clear	No Odor
11:07	12	300	mL/min	13.46	7.21	6.42	7.295	9578	19	1.11	17.4	100.9	Clear	No Odor
11:10	15	300	mL/min	13.47	7.21	6.42	7.292	9576	19	1.13	17.3	100.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	6	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
19	1	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: Marina-1
 Date(s): 2025-11-18
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Mostly cloudy
 Field Technician: Nara Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): -
 Casing Diameter (in): NA
 Well Casing Material:

Static Water Level (ft-bmp): NA
 Total Depth (ft-bmp): NA
 Water Column(ft):
 Gallons in Well: NA

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): NA
 Purge Method: Volumetric
 Purging Equipment: Extraction Pump

Purge Start Time: 08:10
 Total Volume Purged (gallons): 5
 Sample ID: Marina-1-Q425
 Sample Time: 08:15

Purge End Time: 08:15
 Well Volumes Purged (total): NA
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:15	0	1	gpm		8.03	21.2	22.02	35299	8	0.89	27.5	-52.8	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MTS-1 **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Overcast **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** - **Casing Diameter (in):** NA **Well Casing Material:** NA

Static Water Level (ft-bmp): NA **Total Depth (ft-bmp):** NA **Water Column(ft):** **Gallons in Well:** NA

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** NA **Purge Method:** Volumetric **Purging Equipment:** Extraction Pump

Purge Start Time: 08:39 **Total Volume Purged (gallons):** 5 **Sample ID:** MTS-1-Q425 **Sample Time:** 08:45

Purge End Time: 08:44 **Well Volumes Purged (total):** NA **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:44	0	1	gpm	112.93	7.91	1.84	2.26	3484	4	0.75	19.2	170.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MTS-2 **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Overcast **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** - **Casing Diameter (in):** NA **Well Casing Material:** NA

Static Water Level (ft-bmp): NA **Total Depth (ft-bmp):** NA **Water Column(ft):** **Gallons in Well:** NA

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** NA **Purge Method:** Volumetric **Purging Equipment:** Extraction Pump

Purge Start Time: 08:05 **Total Volume Purged (gallons):** 5 **Sample ID:** MTS-2-Q425 **Sample Time:** 08:11

Purge End Time: 08:10 **Well Volumes Purged (total):** NA **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:10	0	1	gpm		7.8	1.21	1.53	2364	8	4.13	26.7	173.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Calcium (SW 6020A),Magnesium (SW 6020A),Potassium (SW 6020A),Sodium (SW 6020A)	Plastic	1	250 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	125 mL	(NH4)2SO4/NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Mercury, dissolved (EPA 7470A),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Sulfate (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Alkalinity, total as CaCO3 (SM 2320 B),Total dissolved solids (SM 2540 C)	Plastic	1	500 mL	None
Total organic carbon (SW 9060A)	Plastic	1	125 mL	HCl

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-52D **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 85.00-87.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 16.35 **Total Depth (ft-bmp):** 89.54 **Water Column(ft):** 73.19 **Liters in Well:** 6.36

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 87 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 12:58 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-52D-Q425 **Sample Time:** 13:14

Purge End Time: 13:13 **Well Volumes Purged (total):** 0.71 **Replicate Type / Replicate ID:** Equipment Blank / MW-52D-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:58	0	300	mL/min	16.35	6.82	13.14	14.13	18674	19	0.97	18.5	163.4	Clear	No Odor
13:01	3	300	mL/min	16.37	6.48	13.92	14.91	19983	17	0.87	18.2	161.3	Clear	No Odor
13:04	6	300	mL/min	16.38	6.17	13.94	15.06	20223	17	0.47	18.3	163.5	Clear	No Odor
13:07	9	300	mL/min	16.39	6	14.5	15.5	20796	17	0.41	18.3	163.9	Clear	No Odor
13:10	12	300	mL/min	16.40	6.02	14.3	15.52	20794	17	0.43	18.2	165.4	Clear	No Odor
13:13	15	300	mL/min	16.41	6.03	14.32	15.53	20792	17	0.45	18.3	162.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-52M **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 66.00-68.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 13.63 **Total Depth (ft-bmp):** 70.57 **Water Column(ft):** 56.94 **Liters in Well:** 4.95

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 68 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 11:40 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-52M-Q425 **Sample Time:** 11:56

Purge End Time: 11:55 **Well Volumes Purged (total):** 0.91 **Replicate Type / Replicate ID:** Equipment Blank / MW-52M-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:40	0	300	mL/min	13.63	6.19	10.35	11.33	15317	13	0.62	17.1	109.7	Clear	No Odor
11:43	3	300	mL/min	13.63	6.35	10.41	11.42	14899	13	0.59	17.1	105.4	Clear	No Odor
11:46	6	300	mL/min	13.65	6.63	10.34	11.35	14687	13	0.47	16.5	99.4	Clear	No Odor
11:49	9	300	mL/min	13.65	6.65	10.31	11.32	14689	13	0.47	16.4	99.1	Clear	No Odor
11:52	12	300	mL/min	13.66	6.63	10.28	11.31	14685	13	0.48	16.3	99.9	Clear	No Odor
11:55	15	300	mL/min	13.66	6.64	10.28	11.3	14682	13	0.46	16.1	93.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-52S **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 47.00-49.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 10.33 **Total Depth (ft-bmp):** 52.47 **Water Column(ft):** 42.14 **Liters in Well:** 3.66

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 50 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 12:14 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-52S-Q425 **Sample Time:** 12:30

Purge End Time: 12:29 **Well Volumes Purged (total):** 1.23 **Replicate Type / Replicate ID:** Equipment Blank / MW-52S-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:14	0	300	mL/min	13.25	6.76	10.12	11.14	15108	19	0.56	18.9	87.4	Clear	No Odor
12:17	3	300	mL/min	13.25	6.78	9.47	10.51	14298	15	0.45	18.7	83.4	Clear	No Odor
12:20	6	300	mL/min	13.25	6.78	8.85	9.883	13517	13	0.46	18.3	83.1	Clear	No Odor
12:23	9	300	mL/min	13.26	6.79	8.83	9.885	13519	15	0.43	18.4	83.6	Clear	No Odor
12:26	12	300	mL/min	13.27	6.82	8.83	9.883	13522	15	0.45	18.3	83.1	Clear	No Odor
12:29	15	300	mL/min	13.28	6.83	8.83	9.885	13525	15	0.43	18.2	83.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-53D **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 123.50-125.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 7.82 **Total Depth (ft-bmp):** 125 **Water Column(ft):** 117.18 **Liters in Well:** 10.18

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 122 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 10:05 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-53D-Q425 **Sample Time:** 10:21

Purge End Time: 10:20 **Well Volumes Purged (total):** 0.44 **Replicate Type / Replicate ID:** Equipment Blank / MW-53D-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:05	0	300	mL/min	7.82	7.04	14.5	15.21	15705	18	5.13	16.7	123.5	Clear	No Odor
10:08	3	300	mL/min	7.84	6.61	136.9	14.68	19154	16	1.94	16.9	120.7	Clear	No Odor
10:11	6	300	mL/min	7.84	6.56	132.4	14.66	19158	15	1.7	16.8	120.1	Clear	No Odor
10:14	9	300	mL/min	7.85	6.55	130.1	14.73	19156	15	1.5	16.8	176	Clear	No Odor
10:17	12	300	mL/min	7.85	6.56	128.7	14.71	19152	15	1.47	16.9	172.4	Clear	No Odor
10:20	15	300	mL/min	7.86	6.55	128.1	14.73	19155	15	1.45	16.9	172.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-53M **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 98.50-100.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 11.82 **Total Depth (ft-bmp):** 100.05 **Water Column(ft):** 88.23 **Liters in Well:** 7.67

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 98 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 10:38 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-53M-Q425 **Sample Time:** 10:54

Purge End Time: 10:53 **Well Volumes Purged (total):** 0.59 **Replicate Type / Replicate ID:** Equipment Blank / MW-53M-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:38	0	300	mL/min	11.83	6.81	8.75	9.724	11542	15	0.83	14.8	185.4	Clear	No Odor
10:41	3	300	mL/min	11.83	6.95	10.51	11.52	14125	13	0.69	14.8	178.4	Clear	No Odor
10:44	6	300	mL/min	11.85	6.82	10.43	11.46	13460	15	0.73	14.6	175.2	Clear	No Odor
10:47	9	300	mL/min	11.85	7	10.51	11.62	14240	15	0.66	14.6	172.9	Clear	No Odor
10:50	12	300	mL/min	11.85	7.01	10.53	11.65	14243	15	0.64	14.5	170.4	Clear	No Odor
10:53	15	300	mL/min	11.86	7.01	10.55	11.63	14245	15	0.63	14.5	170.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-53S **Date(s):** 2025-11-18 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 28.50-30.00 **Casing Diameter (in):** 0.75 **Well Casing Material:**

Static Water Level (ft-bmp): 13.75 **Total Depth (ft-bmp):** 30.05 **Water Column(ft):** 16.3 **Liters in Well:** 1.42

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 28 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 09:34 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-53S-Q425 **Sample Time:** 09:50

Purge End Time: 09:49 **Well Volumes Purged (total):** 3.17 **Replicate Type / Replicate ID:** Equipment Blank / EB-722-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:34	0	300	mL/min	13.75	6.8	1.07	1.362	1757	7	0.98	17.2	111.4	Clear	No Odor
09:37	3	300	mL/min	13.76	6.76	1.08	1.371	1787	7	0.92	17.1	107.4	Clear	No Odor
09:40	6	300	mL/min	13.77	6.79	1.08	1.371	1792	7	0.91	17.1	103.6	Clear	No Odor
09:43	9	300	mL/min	13.77	6.79	1.09	1.378	1800	7	0.89	17.1	101.4	Clear	No Odor
09:46	12	300	mL/min	13.78	6.8	1.07	1.375	1803	7	0.85	17.3	98.6	Clear	No Odor
09:49	15	300	mL/min	13.78	6.8	1.05	1.373	1805	7	0.84	17.3	98.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-82-112
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 92.00-112.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 34.1
 Total Depth (ft-bmp): 114.16
 Water Column(ft): 80.06
 Liters in Well: 49.46

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 112
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 14:10
 Total Volume Purged (liters): 4.5
 Sample ID: MW-82-112-Q425
 Sample Time: 14:26

Purge End Time: 14:25
 Well Volumes Purged (total): 0.09
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:10	0	300	mL/min	34.10	6.94	5.84	6.714	9896	10	1.45	22.9	199.4	Clear	No Odor
14:13	3	300	mL/min	34.10	6.94	5.84	6.714	9910	10	1.24	22.9	199.1	Clear	No Odor
14:16	6	300	mL/min	34.12	6.95	5.85	6.721	9922	10	1.03	22.9	195.4	Clear	No Odor
14:19	9	300	mL/min	34.13	6.94	5.85	6.727	9939	10	0.82	22.5	191.4	Clear	No Odor
14:22	12	300	mL/min	34.14	6.96	5.86	6.725	9937	10	0.84	22.3	191.1	Clear	No Odor
14:25	15	300	mL/min	34.15	6.97	5.84	6.723	9935	10	0.83	22.1	191.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-82-168
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 148.00-168.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 32.43
 Total Depth (ft-bmp): 169.88
 Water Column(ft): 137.45
 Liters in Well: 84.91

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 167
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 13:07
 Total Volume Purged (liters): 4.5
 Sample ID: MW-82-168-Q425
 Sample Time: 13:23

Purge End Time: 13:22
 Well Volumes Purged (total): 0.05
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:07	0	300	mL/min	32.43	6.68	4.86	5.628	7616	18	1.25	20.1	76.4	Clear	No Odor
13:10	3	300	mL/min	32.43	6.79	5.15	5.96	8496	16	1.17	21.2	72.3	Clear	No Odor
13:13	6	300	mL/min	32.43	6.99	5.16	5.98	8557	12	1.12	21.4	70.4	Clear	No Odor
13:16	9	300	mL/min	32.43	7.02	5.17	5.986	8634	12	1.1	21.6	68.3	Clear	No Odor
13:19	12	300	mL/min	32.43	7.02	5.17	5.983	8628	12	1.13	21.4	68.1	Clear	No Odor
13:22	15	300	mL/min	32.44	7.03	5.15	5.98	8625	12	1.11	21.4	68.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-82-198
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 178.00-198.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 32.7
 Total Depth (ft-bmp): 199.49
 Water Column(ft): 166.79
 Liters in Well: 103.04

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 197
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 13:39
 Total Volume Purged (liters): 4.5
 Sample ID: MW-82-198-Q425
 Sample Time: 13:55

Purge End Time: 13:54
 Well Volumes Purged (total): 0.04
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:39	0	300	mL/min	32.70	7.24	5.25	6.064	8311	10	3.72	19.6	122	Clear	No Odor
13:42	3	300	mL/min	32.70	7.12	5.35	6.175	8885	10	1.42	19.2	120.4	Clear	No Odor
13:45	6	300	mL/min	32.70	7.07	5.38	6.207	8975	10	1.38	21.9	120.1	Clear	No Odor
13:48	9	300	mL/min	32.70	7.23	5.39	6.233	8943	10	1.18	21.5	117.4	Clear	No Odor
13:51	12	300	mL/min	32.72	7.25	5.39	6.235	8946	10	1.16	21.3	117.1	Clear	No Odor
13:54	15	300	mL/min	32.73	7.26	5.39	6.232	8948	10	1.14	21.5	117.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-75-033 **Date(s):** 2025-11-17 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLOUDS, T:20.88 °C, rH:45%, Clouds: 75%, Wind:6.17m/s E-SE **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 18.00-33.00 **Casing Diameter (in):** 2.00 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 19.91 **Total Depth (ft-bmp):** 34.77 **Water Column(ft):** 14.86 **Liters in Well:** 9.18

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 27 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 13:17 **Total Volume Purged (liters):** 7.5 **Sample ID:** MW-75-033-Q425 **Sample Time:** 13:33

Purge End Time: 13:32 **Well Volumes Purged (total):** 0.82 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:20	0	500	mL/min	19.93	7.56	1.71	2.13	3287	6	2.01	26.6	161.9	Clear	No Odor
13:23	3	500	mL/min	19.93	7.57	1.69	2.1	3245	3	1.89	26.4	161.5	Clear	No Odor
13:26	6	500	mL/min	19.93	7.57	1.68	2.09	3221	3	1.86	26.4	161.5	Clear	No Odor
13:29	9	500	mL/min	19.93	7.58	1.68	2.09	3219	3	1.84	26.4	161.5	Clear	No Odor
13:32	12	500	mL/min	19.93	7.58	1.67	2.08	3208	3	1.81	26.2	161.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-75-117
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:20.74 °C, rH:45%, Clouds: 75%, Wind:4.63m/s SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 97.00-117.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 19.89
 Total Depth (ft-bmp): 118.11
 Water Column(ft): 98.22
 Liters in Well: 60.68

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 107
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 12:55
 Total Volume Purged (liters): 7.5
 Sample ID: MW-75-117-Q425
 Sample Time: 13:11

Purge End Time: 13:10
 Well Volumes Purged (total): 0.12
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:58	0	500	mL/min	19.90	7.51	7	7.96	12407	7	0.14	26.4	156.2	Clear	No Odor
13:01	3	500	mL/min	19.90	7.53	6.67	7.62	11718	4	0.11	26.4	156.1	Clear	No Odor
13:04	6	500	mL/min	19.90	7.54	6.64	7.59	11673	4	0.1	26.5	156.1	Clear	No Odor
13:07	9	500	mL/min	19.90	7.55	6.61	7.55	11624	4	0.08	26.6	156.1	Clear	No Odor
13:10	12	500	mL/min	19.90	7.56	6.59	7.53	11587	4	0.08	26.6	156.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-75-267
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:20.88 °C, rH:45%, Clouds: 75%, Wind:4.63m/s SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 247.00-267.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 19.23
 Total Depth (ft-bmp): 268.44
 Water Column(ft): 249.21
 Liters in Well: 153.96

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 257
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 12:25
 Total Volume Purged (liters): 7.5
 Sample ID: MW-75-267-Q425
 Sample Time: 12:41

Purge End Time: 12:40
 Well Volumes Purged (total): 0.05
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:28	0	500	mL/min	19.26	7.48	12.19	13.28	20430	13	0.94	25.7	137.2	Clear	No Odor
12:31	3	500	mL/min	19.26	7.45	12.2	13.29	20444	12	1.05	25.5	129.3	Clear	No Odor
12:34	6	500	mL/min	19.26	7.45	12.17	13.26	20400	11	0.18	25.7	135.1	Clear	No Odor
12:37	9	500	mL/min	19.26	7.48	12.17	13.25	20391	11	0.17	25.6	142.1	Clear	No Odor
12:40	12	500	mL/min	19.26	7.49	12.13	13.22	20352	11	0.16	25.6	144.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-82-046 **Date(s):** 2025-11-17 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 26.00-46.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 32.25 **Total Depth (ft-bmp):** 45.96 **Water Column(ft):** 13.71 **Liters in Well:** 8.47

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 44 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 14:38 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-82-046-Q425 **Sample Time:** 14:54

Purge End Time: 14:53 **Well Volumes Purged (total):** 0.53 **Replicate Type / Replicate ID:** Equipment Blank / EB-719-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:38	0	300	mL/min	32.25	7.13	10.07	14.12	16461	16	0.63	23.1	100.9	Clear	No Odor
14:41	3	300	mL/min	32.26	7.13	10.42	11.48	17024	16	0.54	23.2	100.1	Clear	No Odor
14:44	6	300	mL/min	32.27	7.13	10.15	11.2	16647	16	0.47	23.3	97.4	Clear	No Odor
14:47	9	300	mL/min	32.27	7.14	10.23	11.25	16668	16	0.44	23.2	93.4	Clear	No Odor
14:50	12	300	mL/min	32.28	7.15	10.25	11.25	16664	16	0.42	23.3	93.1	Clear	No Odor
14:53	15	300	mL/min	32.29	7.16	10.25	11.22	16661	16	0.44	23.4	93.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-75-337
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:20.89 °C, rH:45%, Clouds: 75%, Wind:6.17m/s E-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 317.00-337.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 21.73
 Total Depth (ft-bmp): 338.37
 Water Column(ft): 316.64
 Liters in Well: 195.61

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 327
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 13:41
 Total Volume Purged (liters): 7.5
 Sample ID: MW-75-337-Q425
 Sample Time: 13:57

Purge End Time: 13:56
 Well Volumes Purged (total): 0.04
 Replicate Type / Replicate ID: Equipment Blank / EB-718-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:44	0	500	mL/min	21.75	7.58	16.22	17.24	25616	7	7.45	24.7	134.3	Clear	No Odor
13:47	3	500	mL/min	21.75	7.6	16.28	17.29	26573	7	6.56	24.9	107.8	Clear	No Odor
13:50	6	500	mL/min	21.75	7.62	16.26	17.27	26587	7	5.44	24.8	99.4	Clear	No Odor
13:53	9	500	mL/min	21.75	7.65	16.28	17.28	26589	7	5.37	24.9	103.9	Clear	No Odor
13:56	12	500	mL/min	21.75	7.66	16.26	17.27	26563	7	5.28	25.1	104.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-75-202
 Date(s): 2025-11-17
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:20.49 °C, rH:49%, Clouds: 97%, Wind:6.77m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 182.00-202.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 19.54
 Total Depth (ft-bmp): 204.27
 Water Column(ft): 184.73
 Liters in Well: 114.12

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 192
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 11:52
 Total Volume Purged (liters): 7.5
 Sample ID: MW-75-202-Q425
 Sample Time: 12:08

Purge End Time: 12:07
 Well Volumes Purged (total): 0.07
 Replicate Type / Replicate ID: Duplicate / MW-919-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^o)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:55	0	500	mL/min	19.56	7.5	9.18	10.23	15727	8	0.44	25.7	150.5	Clear	No Odor
11:58	3	500	mL/min	19.56	7.5	9.25	10.3	15848	8	0.25	26.1	152.4	Clear	No Odor
12:01	6	500	mL/min	19.56	7.52	9.26	10.31	15880	8	0.19	26	153.6	Clear	No Odor
12:04	9	500	mL/min	19.56	7.53	9.26	10.32	15866	8	0.19	26.1	154.2	Clear	No Odor
12:07	12	500	mL/min	19.56	7.54	9.21	10.27	15802	8	0.17	26.1	154.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Chromium, total dissolved (SW 6020)	Plastic	2	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-42-030 **Date(s):** 2025-11-14 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 9.80-29.80 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 10.84 **Total Depth (ft-bmp):** 31.07 **Water Column(ft):** 20.23 **Liters in Well:** 12.5

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 29 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 08:15 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-42-030-Q425 **Sample Time:** 08:31

Purge End Time: 08:30 **Well Volumes Purged (total):** 0.36 **Replicate Type / Replicate ID:** Equipment Blank / EB-716-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:15	0	300	mL/min	10.84	7.37	1.62	2.002	2778	18	1.06	22.2	96.3	Clear	No Odor
08:18	3	300	mL/min	10.84	7.37	1.62	2.002	2778	18	1.06	22.2	96.3	Clear	No Odor
08:21	6	300	mL/min	10.84	7.3	1.65	1.992	2755	18	1.01	22.2	98.4	Clear	No Odor
08:24	9	300	mL/min	10.84	7.32	1.66	1.995	2753	18	1.02	22.2	98.1	Clear	No Odor
08:27	12	300	mL/min	10.84	7.31	1.63	1.999	2755	18	1.01	22.3	98.1	Clear	No Odor
08:30	15	300	mL/min	10.85	7.33	1.65	1.995	2751	18	0.98	22.2	98.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-42-055
 Date(s): 2025-11-14
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 42.50-52.50
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 22
 Total Depth (ft-bmp): 52.55
 Water Column(ft): 30.55
 Liters in Well: 18.87

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 50
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 07:54
 Total Volume Purged (liters): 4.5
 Sample ID: MW-42-055-Q425
 Sample Time: 08:10

Purge End Time: 08:09
 Well Volumes Purged (total): 0.24
 Replicate Type / Replicate ID: Equipment Blank / MW-42-055-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:54	0	300	mL/min	22.00	7.33	1.53	1.93	2946	10	1.38	21.7	132.4	Clear	No Odor
07:57	3	300	mL/min	22.01	7.29	1.34	1.683	2415	10	1.14	21.6	128.7	Clear	No Odor
08:00	6	300	mL/min	22.02	7.29	1.44	1.8	2578	10	1.08	21.5	122.3	Clear	No Odor
08:03	9	300	mL/min	22.03	7.28	1.52	1.898	2725	10	0.86	21.6	120.4	Clear	No Odor
08:06	12	300	mL/min	22.04	7.29	1.54	1.895	2723	10	0.84	21.5	120	Clear	No Odor
08:09	15	300	mL/min	22.05	7.28	1.54	1.893	2721	10	0.85	21.3	120	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-42-065
 Date(s): 2025-11-14
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 56.20-66.20
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 17.98
 Total Depth (ft-bmp): 83.75
 Water Column(ft): 65.77
 Liters in Well: 40.63

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 81
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 07:33
 Total Volume Purged (liters): 4.5
 Sample ID: MW-42-065-Q425
 Sample Time: 07:49

Purge End Time: 07:48
 Well Volumes Purged (total): 0.11
 Replicate Type / Replicate ID: Equipment Blank / MW-42-065-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:33	0	300	mL/min	17.98	6.96	7.05	7.988	11361	15	1.1	21.3	63.4	Clear	No Odor
07:36	3	300	mL/min	17.99	6.95	7.08	7.995	11501	15	1.03	21.6	61.4	Clear	No Odor
07:39	6	300	mL/min	18.01	6.95	6.73	7.657	10995	15	0.97	21.5	59.7	Clear	No Odor
07:42	9	300	mL/min	18.01	6.66	6.65	7.657	10872	15	0.95	21.5	59.1	Clear	No Odor
07:45	12	300	mL/min	18.02	6.64	6.63	7.655	10875	15	0.93	21.2	59.4	Clear	No Odor
07:48	15	300	mL/min	18.03	6.65	6.65	7.653	10873	15	0.91	21.3	59.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-43-075
 Date(s): 2025-11-14
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:22.58 °C, rH:36%, Clouds: 100%, Wind:1.74m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 65.00-75.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 9.19
 Total Depth (ft-bmp): 77.51
 Water Column(ft): 68.32
 Liters in Well: 42.21

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 70
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 08:19
 Total Volume Purged (liters): 7.5
 Sample ID: MW-43-075-Q425
 Sample Time: 08:35

Purge End Time: 08:34
 Well Volumes Purged (total): 0.18
 Replicate Type / Replicate ID: Equipment Blank / MW-43-075-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:22	0	500	mL/min	9.21	7.71	6.97	7.9	12357	6	5.23	22.2	92.9	Clear	No Odor
08:25	3	500	mL/min	9.21	7.72	6.31	7.21	11077	4	5.48	22	86.5	Clear	No Odor
08:28	6	500	mL/min	9.21	7.72	6.58	7.5	11527	4	5.49	22	86	Clear	No Odor
08:31	9	500	mL/min	9.21	7.72	6.59	7.5	11539	4	5.5	22	85.7	Clear	No Odor
08:34	12	500	mL/min	9.21	7.71	6.6	7.51	11548	4	5.51	22	86.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-43-090
 Date(s): 2025-11-14
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:21.58 °C, rH:30%, Clouds: 100%, Wind:1.74m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 80.00-90.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 9.38
 Total Depth (ft-bmp): 102.67
 Water Column(ft): 93.29
 Liters in Well: 57.63

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 85
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 07:55
 Total Volume Purged (liters): 7.5
 Sample ID: MW-43-090-Q425
 Sample Time: 08:11

Purge End Time: 08:10
 Well Volumes Purged (total): 0.13
 Replicate Type / Replicate ID: Equipment Blank / MW-43-090-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
07:58	0	500	mL/min	9.40	7.72	9.66	10.68	16400	7	4.95	20	99.3	Clear	No Odor
08:01	3	500	mL/min	9.40	7.71	9.69	10.72	16488	7	4.69	21.9	94.9	Clear	No Odor
08:04	6	500	mL/min	9.40	7.71	9.69	10.72	16494	7	4.53	21.8	94.1	Clear	No Odor
08:07	9	500	mL/min	9.40	7.7	9.69	10.71	16481	7	4.47	21.8	93.8	Clear	No Odor
08:10	12	500	mL/min	9.40	7.7	9.68	10.71	16470	7	4.4	21.8	93.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-43-025
 Date(s): 2025-11-14
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:23.58 °C, rH:28%, Clouds: 100%, Wind:1.55m/s SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 15.00-25.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 8.94
 Total Depth (ft-bmp): 26.55
 Water Column(ft): 17.61
 Liters in Well: 10.88

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 20
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 08:46
 Total Volume Purged (liters): 7.5
 Sample ID: MW-43-025-Q425
 Sample Time: 09:02

Purge End Time: 09:01
 Well Volumes Purged (total): 0.69
 Replicate Type / Replicate ID: Equipment Blank / MW-43-025-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:49	0	500	mL/min	8.97	7.69	1.31	1.64	2547	2	0.41	22.8	77.2	Clear	No Odor
08:52	3	500	mL/min	8.97	7.67	1.23	1.55	2389	2	0.45	22.8	68.1	Clear	No Odor
08:55	6	500	mL/min	8.97	7.67	1.22	1.54	2372	2	0.48	22.8	66.1	Clear	No Odor
08:58	9	500	mL/min	8.97	7.67	1.22	1.53	2369	2	0.45	22.8	65.2	Clear	No Odor
09:01	12	500	mL/min	8.97	7.68	1.21	1.52	2351	2	0.47	22.9	64.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
2	1	1

Comments: Primary equipment blank EB-715-Q425 sample time at 09:12.

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-45-095a
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:29.86 °C, rH:18%, Clouds: 2%, Wind:4.94m/s S
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 83.00-93.00
 Casing Diameter (in): 2
 Well Casing Material: PVC

Static Water Level (ft-bmp): 14.87
 Total Depth (ft-bmp): 93.9
 Water Column(ft): 79.03
 Liters in Well: 48.82

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 88
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 12:57
 Total Volume Purged (liters): 7.5
 Sample ID: MW-45-095a-Q425
 Sample Time: 13:13

Purge End Time: 13:12
 Well Volumes Purged (total): 0.15
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:00	0	500	mL/min	14.90	7.52	3.9	4.59	7041	8	2	23.6	105.2	Clear	No Odor
13:03	3	500	mL/min	14.90	7.52	4.19	4.93	7572	8	1.53	23.6	105.2	Clear	No Odor
13:06	6	500	mL/min	14.90	7.52	4.29	5.04	7731	8	1.44	23.4	105.1	Clear	No Odor
13:09	9	500	mL/min	14.90	7.51	4.31	5.07	7798	8	1.45	23.3	105.2	Clear	No Odor
13:12	12	500	mL/min	14.90	7.51	4.32	5.08	7802	8	1.46	23.4	105.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID:	RPWC_EFF	Date(s):	2025-11-13	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	Sunny	Field Technician:		Cameron stone	
Measuring Pt. Description:	Other	Screen Setting (ft-bgs):	-	Casing Diameter (in):	NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	RPWC_EFF-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
12:20	0				7.21	12715	8.8	1.41	27.8	-63.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total Suspended Solids (SM2540D),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Ammonia as nitrogen (SM 4500-NH3 D)	Plastic	1	250 mL	H2SO4
Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Mercury, dissolved (EPA 7470A),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Soluble Silica (EPA 6010),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Cyanide (SM 4500CNE)	Plastic	1	500 mL	NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	RPWC_INF	Date(s):	2025-11-13	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	Sunny	Field Technician:		Cameron stone	
Measuring Pt. Description:	Other	Screen Setting (ft-bgs):	-	Casing Diameter (in):	NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	RPWC_INF-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
11:40	0				6.99	12647	3.5	2.14	26	-149	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total Suspended Solids (SM2540D),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Ammonia as nitrogen (SM 4500-NH3 D)	Plastic	1	250 mL	H2SO4
Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Mercury, dissolved (EPA 7470A),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Soluble Silica (EPA 6010),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Cyanide (SM 4500CNE)	Plastic	1	500 mL	NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	RPWC_MID	Date(s):	2025-11-13	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	Sunny	Field Technician:	Cameron stone		
Measuring Pt. Description:	Other	Screen Setting (ft-bgs):	-	Casing Diameter (in):	NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	RPWC_MID-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				
Sample Time:	11:55				
Water Quality Meter/ ID:	YSI ProPlus / NA				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
11:55	0				7.25	12607	5.4	1.69	27.6	-131.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total Suspended Solids (SM2540D),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Ammonia as nitrogen (SM 4500-NH3 D)	Plastic	1	250 mL	H2SO4
Boron, dissolved (SW 6010B),Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Mercury, dissolved (EPA 7470A),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020),Soluble Silica (EPA 6010),Title 22 metals, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Cyanide (SM 4500CNE)	Plastic	1	500 mL	NaOH
Deuterium (CFIRM),Oxygen 18 (CFIRM)	Plastic	1	250 mL	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-26 **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 51.50-71.50 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 52.41 **Total Depth (ft-bmp):** 69.24 **Water Column(ft):** 16.83 **Liters in Well:** 10.4

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 67 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 11:44 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-26-Q425 **Sample Time:** 12:00

Purge End Time: 11:59 **Well Volumes Purged (total):** 0.43 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:44	0	300	mL/min	52.41	7.18	5.3	6.129	9517	15	1.64	25.6	139.3	Clear	No Odor
11:47	3	300	mL/min	52.43	7.09	5.34	6.175	9936	15	1.07	25.9	132.1	Clear	No Odor
11:50	6	300	mL/min	52.44	7.09	5.39	6.194	9912	15	0.76	27.1	122.3	Clear	No Odor
11:53	9	300	mL/min	52.45	7.1	5.4	6.272	10034	15	0.62	27.3	121.4	Clear	No Odor
11:56	12	300	mL/min	52.45	7.12	5.42	6.275	10031	15	0.63	27.1	121.1	Clear	No Odor
11:59	15	300	mL/min	52.45	7.11	5.42	6.272	10033	15	0.61	27.2	121.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-44-125
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:27.53 °C, rH:15%, Clouds: 3%, Wind:3.9m/s S
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 116.00-125.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 18.52
 Total Depth (ft-bmp): 128.63
 Water Column(ft): 110.11
 Liters in Well: 68.02

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 121
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 11:59
 Total Volume Purged (liters): 7.5
 Sample ID: MW-44-125-Q425
 Sample Time: 12:15

Purge End Time: 12:14
 Well Volumes Purged (total): 0.11
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:02	0	500	mL/min	18.55	7.51	8.56	9.57	14716	3	1.93	24.3	105	Clear	No Odor
12:05	3	500	mL/min	18.55	7.54	8.57	9.59	14764	3	1.71	24.5	104.9	Clear	No Odor
12:08	6	500	mL/min	18.55	7.55	8.6	9.62	14806	3	1.55	24.5	105	Clear	No Odor
12:11	9	500	mL/min	18.55	7.55	8.61	9.64	14823	3	1.53	24.5	104.6	Clear	No Odor
12:14	12	500	mL/min	18.55	7.55	8.65	9.67	14874	3	1.43	24.6	103.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
3	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-46-175
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:25.53 °C, rH:16%, Clouds: 6%, Wind:2.44m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 165.00-175.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 28.93
 Total Depth (ft-bmp): 176.11
 Water Column(ft): 147.18
 Liters in Well: 90.92

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 170
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:36
 Total Volume Purged (liters): 7.5
 Sample ID: MW-46-175-Q425
 Sample Time: 10:52

Purge End Time: 10:51
 Well Volumes Purged (total): 0.08
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:39	0	500	mL/min	28.96	7.8	10.03	11.09	17075	17	8.57	25.6	106.6	Clear	No Odor
10:42	3	500	mL/min	28.96	7.79	10.03	11.09	17073	12	7.37	25.5	106.4	Clear	No Odor
10:45	6	500	mL/min	28.96	7.77	10.02	11.08	17070	12	6.38	25.2	106	Clear	No Odor
10:48	9	500	mL/min	28.96	7.75	10.02	11.08	17069	12	6.27	25.2	105.8	Clear	No Odor
10:51	12	500	mL/min	28.96	7.74	10.01	11.07	17066	12	6.25	25.2	105.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-51 **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 97.00-112.00 **Casing Diameter (in):** 4.00 **Well Casing Material:**

Static Water Level (ft-bmp): 52.8 **Total Depth (ft-bmp):** 112.94 **Water Column(ft):** 60.14 **Liters in Well:** 148.61

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 110 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 12:19 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-51-Q425 **Sample Time:** 12:35

Purge End Time: 12:35 **Well Volumes Purged (total):** 0.03 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:19	0	300	mL/min	52.80	6.91	4.02	4.687	6859	13	1.82	26.6	100.8	Clear	No Odor
12:22	3	300	mL/min	52.82	7.08	5.43	6.292	9956	13	0.96	26.5	73.8	Clear	No Odor
12:25	6	300	mL/min	52.82	7.09	5.51	6.396	10147	13	0.62	26.6	73.1	Clear	No Odor
12:28	9	300	mL/min	52.83	7.1	5.47	6.337	10101	13	0.49	26.5	73.5	Clear	No Odor
12:31	12	300	mL/min	52.84	7.12	5.47	6.334	10103	13	0.47	26.3	73.1	Clear	No Odor
12:34	15	300	mL/min	52.84	7.12	5.47	6.332	10101	13	0.49	26.6	73.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-78-070
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 50.00-70.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 65.82
 Total Depth (ft-bmp): 70.05
 Water Column(ft): 4.23
 Liters in Well: 2.61

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 68
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 09:32
 Total Volume Purged (liters): 4.5
 Sample ID: MW-78-070-Q425
 Sample Time: 09:48

Purge End Time: 09:47
 Well Volumes Purged (total): 1.72
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:32	0	300	mL/min	65.82	7.16	5.25	6.077	9257	13	1.85	24.3	88.3	Clear	No Odor
09:35	3	300	mL/min	65.82	7.03	5.27	6.116	9429	13	1.15	25.5	82.4	Clear	No Odor
09:38	6	300	mL/min	65.82	7.03	5.25	6.097	9469	13	0.99	25.6	82.1	Clear	No Odor
09:41	9	300	mL/min	65.82	7.02	5.24	6.084	9444	13	0.84	25.5	80.3	Clear	No Odor
09:44	12	300	mL/min	65.83	7.03	5.22	6.081	9442	13	0.81	25.3	80.9	Clear	No Odor
09:47	15	300	mL/min	65.83	7.03	5.21	6.085	9443	13	0.83	25.2	80.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-78-142
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 122.00-142.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 52.1
 Total Depth (ft-bmp): 147.05
 Water Column(ft): 94.95
 Liters in Well: 58.66

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 145
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 08:57
 Total Volume Purged (liters): 4.5
 Sample ID: MW-78-142-Q425
 Sample Time: 09:13

Purge End Time: 09:12
 Well Volumes Purged (total): 0.08
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:57	0	300	mL/min	52.10	7.17	5.67	6.539	10188	12	1.22	24.8	142.4	Clear	No Odor
09:00	3	300	mL/min	52.10	7.12	5.77	6.656	10192	12	1.17	24.9	140.1	Clear	No Odor
09:03	6	300	mL/min	52.12	7.11	5.76	6.675	10246	12	1.08	24.8	134.1	Clear	No Odor
09:06	9	300	mL/min	52.13	7.09	5.69	6.671	10038	12	0.95	24.7	127.4	Clear	No Odor
09:09	12	300	mL/min	52.13	7.05	5.65	6.673	10035	12	0.92	24.6	127.2	Clear	No Odor
09:12	15	300	mL/min	52.13	7.03	5.63	6.67	10032	12	0.91	24.5	127.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-79-058 **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 48.00-58.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 50.8 **Total Depth (ft-bmp):** 60.04 **Water Column(ft):** 9.24 **Liters in Well:** 5.71

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 58 **Purge Method:** Volumetric **Purging Equipment:** Submersible Pump

Purge Start Time: 10:53 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-79-058-Q425 **Sample Time:** 11:09

Purge End Time: 11:08 **Well Volumes Purged (total):** 0.79 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:53	0	300	mL/min	50.80	6.9	4.94	5.778	8886	19	1.14	25.3	99.5	Clear	No Odor
10:56	3	300	mL/min	50.81	6.9	5.18	6.006	9376	19	0.95	25.7	99.1	Clear	No Odor
10:59	6	300	mL/min	50.82	6.9	5.23	6.077	9540	16	0.74	25.9	99.3	Clear	No Odor
11:02	9	300	mL/min	50.82	6.89	5.26	6.11	9570	16	0.58	26	99.1	Clear	No Odor
11:05	12	300	mL/min	50.82	6.9	5.23	6.1	9573	16	0.55	26.5	95.7	Clear	No Odor
11:08	15	300	mL/min	50.83	6.92	5.23	6.11	9571	16	0.53	26.2	95.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-79-102 **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 92.00-102.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 49.46 **Total Depth (ft-bmp):** 104.01 **Water Column(ft):** 54.55 **Liters in Well:** 33.7

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 102 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 10:23 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-79-102-Q425 **Sample Time:** 10:39

Purge End Time: 10:38 **Well Volumes Purged (total):** 0.13 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:23	0	300	mL/min	49.46	6.89	1.07	1.345	2477	16	2.94	23.6	132.1	Clear	No Odor
10:26	3	300	mL/min	49.48	6.46	1.3	1.631	2370	16	0.91	24.9	128.7	Clear	No Odor
10:29	6	300	mL/min	49.49	6.51	1.56	1.95	2892	16	0.79	25	122.3	Clear	No Odor
10:32	9	300	mL/min	49.49	6.73	3.21	3.854	5780	16	0.45	25.4	121.2	Clear	No Odor
10:35	12	300	mL/min	49.50	6.75	3.23	3.852	5783	16	0.42	25.1	121.2	Clear	No Odor
10:38	15	300	mL/min	49.50	6.76	3.23	3.852	5781	16	0.44	25.3	121.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-80-082 **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 67.00-82.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 54 **Total Depth (ft-bmp):** 83.57 **Water Column(ft):** 29.57 **Liters in Well:** 18.27

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 81 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 13:14 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-80-082-Q425 **Sample Time:** 13:30

Purge End Time: 13:29 **Well Volumes Purged (total):** 0.25 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:14	0	300	mL/min	54.00	6.99	5.04	5.882	9495	16	0.82	27.9	100.5	Clear	No Odor
13:17	3	300	mL/min	54.00	6.97	5.25	6.103	9874	16	0.59	27.9	74.2	Clear	No Odor
13:20	6	300	mL/min	54.02	7	5.22	6.103	9977	16	0.45	27.9	72.3	Clear	No Odor
13:23	9	300	mL/min	54.02	6.99	5.28	6.155	10015	16	0.38	28.1	71.4	Clear	No Odor
13:26	12	300	mL/min	54.02	7.01	5.29	6.155	10012	16	0.35	28.3	71.1	Clear	No Odor
13:29	15	300	mL/min	54.03	7.02	5.31	6.153	10015	16	0.33	28.1	71.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-27-020
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:24.58 °C, rH:18%, Clouds: 96%, Wind:0.96m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 7.00-17.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.02
 Total Depth (ft-bmp): 13.25
 Water Column(ft): 6.23
 Liters in Well: 3.85

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 12
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:52
 Total Volume Purged (liters): 7.5
 Sample ID: MW-27-020-Q425
 Sample Time: 10:08

Purge End Time: 10:07
 Well Volumes Purged (total): 1.95
 Replicate Type / Replicate ID: Equipment Blank / MW-27-020-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:55	0	500	mL/min	7.10	7.76	0.51	0.66	1024	16	7.18	21.2	105.8	Clear	No Odor
09:58	3	500	mL/min	7.10	7.75	0.51	0.66	1020	10	5.55	21.3	106	Clear	No Odor
10:01	6	500	mL/min	7.10	7.75	0.5	0.66	1017	9	4.37	21.3	105.9	Clear	No Odor
10:04	9	500	mL/min	7.10	7.75	0.5	0.66	1015	9	4.33	21.3	105.7	Clear	No Odor
10:07	12	500	mL/min	7.10	7.75	0.5	0.66	1015	9	4.27	21.3	105.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-27-060
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:22.58 °C, rH:21%, Clouds: 98%, Wind:0.05m/s W-SW
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 47.30-57.30
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.78
 Total Depth (ft-bmp): 58.84
 Water Column(ft): 51.06
 Liters in Well: 31.54

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 52
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:15
 Total Volume Purged (liters): 7.5
 Sample ID: MW-27-060-Q425
 Sample Time: 09:31

Purge End Time: 09:30
 Well Volumes Purged (total): 0.24
 Replicate Type / Replicate ID: Equipment Blank / MW-27-060-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:18	0	500	mL/min	7.80	7.76	2.03	2.49	3836	13	13.55	19.5	105.7	Clear	No Odor
09:21	3	500	mL/min	7.80	7.77	2.03	2.48	3825	11	8.37	19.6	104.7	Clear	No Odor
09:24	6	500	mL/min	7.80	7.77	2.02	2.47	3816	10	8.09	19.9	99.2	Clear	No Odor
09:27	9	500	mL/min	7.80	7.78	2.02	2.48	3814	10	8.18	19.9	96.3	Clear	No Odor
09:30	12	500	mL/min	7.80	7.78	2.02	2.48	3815	10	8.02	19.9	96.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-27-085
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLOUDS, T:21.58 °C, rH:20%, Clouds: 98%, Wind:0.05m/s W-SW
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 77.50-87.50
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.58
 Total Depth (ft-bmp): 100.41
 Water Column(ft): 92.83
 Liters in Well: 57.35

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 82
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 08:49
 Total Volume Purged (liters): 7.5
 Sample ID: MW-27-085-Q425
 Sample Time: 09:05

Purge End Time: 09:04
 Well Volumes Purged (total): 0.13
 Replicate Type / Replicate ID: Equipment Blank / MW-27-085-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:52	0	500	mL/min	7.60	7.76	6.72	7.62	11714	13	10.7	20	98.1	Clear	No Odor
08:55	3	500	mL/min	7.60	7.75	6.7	7.61	11717	9	7.79	20	96.7	Clear	No Odor
08:58	6	500	mL/min	7.60	7.75	6.66	7.56	11635	8	7.7	20	95.9	Clear	No Odor
09:01	9	500	mL/min	7.60	7.75	6.66	7.57	11637	8	7.67	20	95.7	Clear	No Odor
09:04	12	500	mL/min	7.60	7.74	6.65	7.56	11634	8	7.64	20	95.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-44-070
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:29.09 °C, rH:18%, Clouds: 3%, Wind:3.9m/s S
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 61.00-71.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 18.44
 Total Depth (ft-bmp): 72.3
 Water Column(ft): 53.86
 Liters in Well: 33.27

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 66
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 12:24
 Total Volume Purged (liters): 7.5
 Sample ID: MW-44-070-Q425
 Sample Time: 12:40

Purge End Time: 12:39
 Well Volumes Purged (total): 0.23
 Replicate Type / Replicate ID: Equipment Blank / MW-44-070-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:27	0	500	mL/min	18.47	7.52	2.92	3.51	5405	4	1.69	23.4	90.6	Clear	No Odor
12:30	3	500	mL/min	18.47	7.51	2.88	3.47	5342	4	1.53	23.4	88	Clear	No Odor
12:33	6	500	mL/min	18.47	7.51	2.88	3.47	5348	4	1.42	23.6	87.2	Clear	No Odor
12:36	9	500	mL/min	18.47	7.51	2.89	3.48	5354	4	1.42	23.4	86.9	Clear	No Odor
12:39	12	500	mL/min	18.47	7.51	2.88	3.47	5344	4	1.38	23.6	86.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-80-057
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 47.40-57.40
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 54.53
 Total Depth (ft-bmp): 59.26
 Water Column(ft): 4.73
 Liters in Well: 2.92

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 57
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 13:38
 Total Volume Purged (liters): 4.5
 Sample ID: MW-80-057-Q425
 Sample Time: 13:54

Purge End Time: 13:53
 Well Volumes Purged (total): 1.54
 Replicate Type / Replicate ID: Equipment Blank / EB-714-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:38	0	300	mL/min	54.53	6.99	5.51	6.389	10283	10	1.13	27.6	72.1	Clear	No Odor
13:41	3	300	mL/min	54.53	6.86	5.56	6.448	10356	10	0.59	27.2	68.7	Clear	No Odor
13:44	6	300	mL/min	54.53	6.87	5.53	6.415	10269	10	0.49	27.1	68.1	Clear	No Odor
13:47	9	300	mL/min	54.54	6.87	5.5	6.383	10230	10	0.42	27.2	68.6	Clear	No Odor
13:50	12	300	mL/min	54.55	6.88	5.5	6.385	10233	10	0.4	27.3	68.1	Clear	No Odor
13:53	15	300	mL/min	54.55	6.89	5.52	6.382	10235	10	0.43	27.1	68.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: PT6D **Date(s):** 2025-11-13 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 95.00-105.00 **Casing Diameter (in):** 2 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 22.41 **Total Depth (ft-bmp):** 106.5 **Water Column(ft):** 84.09 **Liters in Well:** 51.95

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 100 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 13:30 **Total Volume Purged (liters):** 7.5 **Sample ID:** PT6D-Q425 **Sample Time:** 13:46

Purge End Time: 13:45 **Well Volumes Purged (total):** 0.14 **Replicate Type / Replicate ID:** Equipment Blank / EB-713-Q415 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:33	0	500	mL/min	22.44	7.5	4.59	5.37	8261	6	1.63	24.5	107.7	Clear	No Odor
13:36	3	500	mL/min	22.44	7.5	4.61	5.4	8300	6	1.58	24.5	108.9	Clear	No Odor
13:39	6	500	mL/min	22.44	7.49	4.61	5.39	8302	6	1.33	24.5	109.3	Clear	No Odor
13:42	9	500	mL/min	22.44	7.48	4.61	5.39	8297	6	1.4	24.5	109.8	Clear	No Odor
13:45	12	500	mL/min	22.44	7.48	4.61	5.39	8298	6	1.45	24.5	110	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-44-115
 Date(s): 2025-11-13
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:27.53 °C, rH:16%, Clouds: 6%, Wind:2.44m/s S-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 105.00-113.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 18.56
 Total Depth (ft-bmp): 114.37
 Water Column(ft): 95.81
 Liters in Well: 59.19

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 109
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 11:27
 Total Volume Purged (liters): 7.5
 Sample ID: MW-44-115-Q425
 Sample Time: 11:43

Purge End Time: 11:42
 Well Volumes Purged (total): 0.13
 Replicate Type / Replicate ID: Duplicate / MW-913-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:30	0	500	mL/min	18.59	7.51	8.69	9.71	14951	13	6.33	24.3	111.3	Clear	No Odor
11:33	3	500	mL/min	18.59	7.51	8.62	9.64	14843	13	4.89	24.3	110.8	Clear	No Odor
11:36	6	500	mL/min	18.59	7.5	8.52	9.54	14683	13	2.79	24.3	109.3	Clear	No Odor
11:39	9	500	mL/min	18.59	7.49	8.48	9.49	14616	13	2.88	24.3	108.6	Clear	No Odor
11:42	12	500	mL/min	18.59	7.49	8.43	9.44	14528	13	2.84	24	107.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-36-020 **Date(s):** 2025-11-12 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 10.00-20.00 **Casing Diameter (in):** 1.00 **Well Casing Material:**

Static Water Level (ft-bmp): 18 **Total Depth (ft-bmp):** 22.39 **Water Column(ft):** 4.39 **Liters in Well:** 0.68

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 21 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 11:23 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-36-020-Q425 **Sample Time:** 11:39

Purge End Time: 11:38 **Well Volumes Purged (total):** 6.62 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:23	0	300	mL/min	18.00	6.99	4.37	5.102	7476	8	0.85	23.7	77.4	Clear	No Odor
11:26	3	300	mL/min	18.02	7.04	4.62	5.401	8142	8	0.51	23.9	72.4	Clear	No Odor
11:29	6	300	mL/min	18.03	7.05	4.66	5.44	8192	8	0.43	24.7	70.7	Clear	No Odor
11:32	9	300	mL/min	18.03	7.05	4.66	5.46	8512	8	0.36	25.7	70.1	Clear	No Odor
11:35	12	300	mL/min	18.03	7.02	4.63	5.42	8513	8	0.32	25.5	70.9	Clear	No Odor
11:38	15	300	mL/min	18.04	7.01	4.62	5.41	8515	8	0.33	25.4	70.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-36-040
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 30.00-40.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 19.75
 Total Depth (ft-bmp): 41.93
 Water Column(ft): 22.18
 Liters in Well: 3.43

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 39
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:48
 Total Volume Purged (liters): 4.5
 Sample ID: MW-36-040-Q425
 Sample Time: 11:04

Purge End Time: 11:03
 Well Volumes Purged (total): 1.31
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P, YSI Pro DSS / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:48	0	300	mL/min	19.75	7.48	1.08	1.371	2201	19	1.05	25.2	136.4	Clear	No Odor
10:51	3	300	mL/min	19.75	7.4	0.75	0.975	1480	17	0.49	24	132.1	Clear	No Odor
10:54	6	300	mL/min	19.75	7.39	0.75	0.975	1482	17	0.48	24.4	130.6	Clear	No Odor
10:57	9	300	mL/min	19.75	7.4	0.77	1.001	1535	17	0.45	25	130.1	Clear	No Odor
11:00	12	300	mL/min	19.76	7.42	0.72	1.009	1531	17	0.41	25.2	124.6	Clear	No Odor
11:03	15	300	mL/min	19.76	7.43	0.72	1.005	1533	17	0.43	25.1	124.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-36-050
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 46.00-51.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 19.5
 Total Depth (ft-bmp): 52.95
 Water Column(ft): 33.45
 Liters in Well: 5.17

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 50
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 09:48
 Total Volume Purged (liters): 4.5
 Sample ID: MW-36-050-Q425
 Sample Time: 10:04

Purge End Time: 10:03
 Well Volumes Purged (total): 0.87
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:48	0	300	mL/min	19.50	7.42	0.87	1.124	1815	12	1.86	25.5	183.9	Clear	No Odor
09:51	3	300	mL/min	19.52	7.24	0.73	0.955	1484	12	1.36	25.4	181.1	Clear	No Odor
09:54	6	300	mL/min	19.52	7.26	0.72	0.936	1446	12	1.01	25	175.4	Clear	No Odor
09:57	9	300	mL/min	19.53	7.28	0.71	0.929	1378	12	0.87	23	171.4	Clear	No Odor
10:00	12	300	mL/min	19.54	7.26	0.76	0.925	1375	12	0.89	23.1	165.7	Clear	No Odor
10:03	15	300	mL/min	19.54	7.23	0.74	0.922	1372	12	0.92	23.3	165.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-36-090
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 80.00-90.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 18.46
 Total Depth (ft-bmp): 92.34
 Water Column(ft): 73.88
 Liters in Well: 11.41

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 90
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:21
 Total Volume Purged (liters): 4.5
 Sample ID: MW-36-090-Q425
 Sample Time: 10:37

Purge End Time: 10:36
 Well Volumes Purged (total): 0.39
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:21	0	300	mL/min	18.46	7.29	2.93	3.523	5515	16	1.22	25.4	82.5	Clear	No Odor
10:24	3	300	mL/min	18.47	7.22	3.15	3.789	6047	14	0.86	27.2	82.1	Clear	No Odor
10:27	6	300	mL/min	18.48	7.21	3.22	3.874	6254	12	0.76	27.6	82.8	Clear	No Odor
10:30	9	300	mL/min	18.49	7.21	3.24	3.9	6370	12	0.71	28.3	82.1	Clear	No Odor
10:33	12	300	mL/min	18.49	7.18	3.22	3.902	6375	12	0.73	28.2	82.6	Clear	No Odor
10:36	15	300	mL/min	18.50	7.19	3.22	3.905	6373	12	0.75	28.4	82.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: PTI-1D **Date(s):** 2025-11-12 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE **Field Technician:** Daniel Garcia

Measuring Pt. Description: Top of Outer Casing **Screen Setting (ft-bgs):** - **Casing Diameter (in):** NA **Well Casing Material:** NA

Static Water Level (ft-bmp): NA **Total Depth (ft-bmp):** NA **Water Column(ft):** **Gallons in Well:** NA

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** NA **Purge Method:** NA **Purging Equipment:**

Purge Start Time: NA **Total Volume Purged (gallons):** NA **Sample ID:** PTI-1D-Q425 **Sample Time:** 11:40

Purge End Time: NA **Well Volumes Purged (total):** NA **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
11:36	0				7.01	16258	0	1.82	26	20.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Iron (SW 6010B)	Plastic	1	500 mL	HNO3
Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020)	Plastic	1	500 mL	HNO3

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
1.8	0	1

Comments: None

Well Information:

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

No Photos Found

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	IRZ-21-065	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	CLEAR, T:77.23 °F, rH:17%, Clouds: 0%, Wind:3.44mph E-SE			Field Technician:	Daniel Garcia
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	47.40-65.40	Casing Diameter (in):	10.00
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-21-065-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
12:32	0				7.22	14436	0	1.07	28.9	-1.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
0.3	0	1

Comments: None

Well Information:

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: IRZ-21-157
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_IRZ_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE
 Field Technician: Daniel Garcia

Measuring Pt. Description: Top of Outer Casing
 Screen Setting (ft-bgs): -
 Casing Diameter (in): NA
 Well Casing Material: NA

Static Water Level (ft-bmp): NA
 Total Depth (ft-bmp): NA
 Water Column(ft):
 Gallons in Well: NA

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): NA
 Purge Method: NA
 Purging Equipment:

Purge Start Time: NA
 Total Volume Purged (gallons): NA
 Sample ID: IRZ-21-157-Q425
 Sample Time: 12:50

Purge End Time: NA
 Well Volumes Purged (total): NA
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
12:42	0				7.26	15800	1.8	0.78	28.2	-27.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity: 3
 Post-Filter Turbidity: 1.8
 Number of Filters Used: 1

Comments: None

Well Information:

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	IRZ-25-100	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	CLEAR, T:77.25 °F, rH:17%, Clouds: 0%, Wind:3.44mph E-SE			Field Technician:	Daniel Garcia
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	50.10-67.10	Casing Diameter (in):	10.00
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-25-100-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
12:08	0				7.16	12330	2.1	2.22	29.4	-8.2	Yellow	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
20.4	2.1	1

Comments: None

Well Information:

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: IRZ-25-166
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_IRZ_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE
 Field Technician: Daniel Garcia

Measuring Pt. Description: Top of Outer Casing
 Screen Setting (ft-bgs): -
 Casing Diameter (in): NA
 Well Casing Material: NA

Static Water Level (ft-bmp): NA
 Total Depth (ft-bmp): NA
 Water Column(ft):
 Gallons in Well: NA

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): NA
 Purge Method: NA
 Purging Equipment:

Purge Start Time: NA
 Total Volume Purged (gallons): NA
 Sample ID: IRZ-25-166-Q425
 Sample Time: 12:20

Purge End Time: NA
 Well Volumes Purged (total): NA
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
12:15	0				7.08	15301	1.8	1.03	30	-59.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
2.4	1.8	1

Comments: None

Well Information:

Well Labeled Properly: NA

Is Well in Good Condition? NA

Well Inspection Comments: NA

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-36-100
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 88.00-98.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 20.54
 Total Depth (ft-bmp): 116.65
 Water Column(ft): 96.11
 Liters in Well: 59.37

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 114
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 09:18
 Total Volume Purged (liters): 4.5
 Sample ID: MW-36-100-Q425
 Sample Time: 09:34

Purge End Time: 09:33
 Well Volumes Purged (total): 0.08
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:18	0	300	mL/min	20.54	7.23	5.68	6.389	8831	10	1.07	22.1	102.7	Clear	No Odor
09:21	3	300	mL/min	20.54	7.04	6.08	6.961	10065	7	1.01	20.7	101.4	Clear	No Odor
09:24	6	300	mL/min	20.55	7.07	5.84	6.708	9474	7	0.95	21.6	95.7	Clear	No Odor
09:27	9	300	mL/min	20.56	7.09	5.8	6.669	9652	8	0.89	21.9	95.1	Clear	No Odor
09:30	12	300	mL/min	20.56	7.08	5.83	6.662	9655	8	0.85	21.7	95.3	Clear	No Odor
09:33	15	300	mL/min	20.56	7.07	5.83	6.663	9653	8	0.82	21.8	95.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-76-039
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:22.87 °C, rH:20%, Clouds: 0%, Wind:1.54m/s E-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 24.00-39.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 26.93
 Total Depth (ft-bmp): 38.66
 Water Column(ft): 11.73
 Liters in Well: 7.25

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 33
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:41
 Total Volume Purged (liters): 7.5
 Sample ID: MW-76-039-Q425
 Sample Time: 10:57

Purge End Time: 10:56
 Well Volumes Purged (total): 1.03
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:44	0	500	mL/min	26.96	7.73	4.13	4.89	7524	36	6.11	28.2	110	Clear	No Odor
10:47	3	500	mL/min	26.96	7.73	4.14	4.9	7543	18	5.2	28.4	110.5	Clear	No Odor
10:50	6	500	mL/min	26.96	7.69	4.15	4.91	7556	17	1.48	28.1	112	Clear	No Odor
10:53	9	500	mL/min	26.96	7.69	4.15	4.91	7557	17	1.43	28.2	112.1	Clear	No Odor
10:56	12	500	mL/min	26.96	7.69	4.15	4.91	7557	17	1.43	28.2	112.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-76-181
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:24.87 °C, rH:17%, Clouds: 0%, Wind:2.06m/s E
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 171.00-181.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 28.55
 Total Depth (ft-bmp): 182.61
 Water Column(ft): 154.06
 Liters in Well: 95.18

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 176
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 11:41
 Total Volume Purged (liters): 7.5
 Sample ID: MW-76-181-Q425
 Sample Time: 11:57

Purge End Time: 11:56
 Well Volumes Purged (total): 0.08
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:44	0	500	mL/min	28.58	7.53	4.23	5	7700	13	0.98	28.2	114.7	Clear	No Odor
11:47	3	500	mL/min	28.58	7.53	4.24	5.01	7709	11	0.63	27.9	113.2	Clear	No Odor
11:50	6	500	mL/min	28.58	7.52	4.24	5.01	7712	11	0.52	28.1	111.5	Clear	No Odor
11:53	9	500	mL/min	28.58	7.52	4.24	5.01	7707	11	0.5	28.4	109.2	Clear	No Odor
11:56	12	500	mL/min	28.58	7.51	4.24	5.01	7709	11	0.49	28.6	108.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-76-218
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:25.13 °C, rH:17%, Clouds: 0%, Wind:1.54m/s E-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 198.00-218.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 27.87
 Total Depth (ft-bmp): 219.65
 Water Column(ft): 191.78
 Liters in Well: 118.48

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 208
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 12:18
 Total Volume Purged (liters): 7.5
 Sample ID: MW-76-218-Q425
 Sample Time: 12:34

Purge End Time: 12:33
 Well Volumes Purged (total): 0.06
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:21	0	500	mL/min	27.90	7.45	4.24	5.02	7719	18	1.02	30	114.6	Clear	No Odor
12:24	3	500	mL/min	27.90	7.45	4.25	5.03	7741	12	0.6	29.4	114.6	Clear	No Odor
12:27	6	500	mL/min	27.90	7.45	4.28	5.07	7795	10	0.48	28	113.8	Clear	No Odor
12:30	9	500	mL/min	27.90	7.4	4.3	5.08	7819	10	0.46	28.2	112.7	Clear	No Odor
12:33	12	500	mL/min	27.90	7.42	4.31	5.09	7832	10	0.42	28.3	110.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-81-043
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 22.80-42.80
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 28
 Total Depth (ft-bmp): 44.55
 Water Column(ft): 16.55
 Liters in Well: 10.22

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 42
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 14:09
 Total Volume Purged (liters): 4.5
 Sample ID: MW-81-043-Q425
 Sample Time: 14:25

Purge End Time: 14:24
 Well Volumes Purged (total): 0.44
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:09	0	300	mL/min	28.00	6.89	5.37	6.227	9777	10	0.48	26	109.7	Clear	No Odor
14:12	3	300	mL/min	28.00	6.97	5.36	6.22	9745	7	0.36	26	107.4	Clear	No Odor
14:15	6	300	mL/min	28.00	6.97	5.36	6.214	9711	7	0.36	25.8	107.1	Clear	No Odor
14:18	9	300	mL/min	28.00	6.97	5.38	6.246	9733	7	0.3	25.9	103.4	Clear	No Odor
14:21	12	300	mL/min	28.02	6.99	5.35	6.243	9731	7	0.33	25.8	103.1	Clear	No Odor
14:24	15	300	mL/min	28.03	6.98	5.35	6.246	9733	7	0.31	25.7	103.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID:	IRZ-09-100	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL	
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area: Default Site
Weather:	CLOUDS, T:81.55 °F, rH:14%, Clouds: 94%, Wind:5.95mph S			Field Technician:	Daniel Garcia	
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	55.00-99.80	Casing Diameter (in):	10.00	Well Casing Material: NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):		Gallons in Well: NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA	Purging Equipment:
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-09-100-Q425	Sample Time: 13:05
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID: YSI ProPlus / NA
Scope of work completed?	Yes					

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
13:01	0				7.59	15115	0	1.15	28.6	-2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Hardness, total as CaCO ₃ (SM 2340 B),Nitrate as N (EPA 300.0),Nitrite as Nitrogen (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Calcium (SW 6010B),Iron (SW 6010B),Magnesium (SW 6020A),Potassium (SW 6010B),Sodium (SW 6020A)	Plastic	1	500 mL	HNO ₃
Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
0	0	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	IRZ-13D-210	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE			Field Technician:	Daniel Garcia		
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	160.40-210.20	Casing Diameter (in):	10.00	Well Casing Material:	NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):		Gallons in Well:	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA	Purging Equipment:	
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-13D-210-Q425	Sample Time:	13:20
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
13:18	0				7.32	20431	0.1	0.63	28.1	8.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Hardness, total as CaCO ₃ (SM 2340 B),Nitrate as N (EPA 300.0),Nitrite as Nitrogen (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Calcium (SW 6010B),Iron (SW 6010B),Magnesium (SW 6020A),Potassium (SW 6010B),Sodium (SW 6020A)	Plastic	1	500 mL	HNO ₃
Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
0.5	0.1	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	IRZ-13S-095	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE			Field Technician:	Daniel Garcia
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	53.00-95.80	Casing Diameter (in):	10.00
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-13S-095-Q425
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A
Scope of work completed?	Yes				
Area:	Default Site				
Well Casing Material:	NA				
Gallons in Well:	NA				
Purging Equipment:	NA				
Sample Time:	13:30				
Water Quality Meter/ ID:	YSI ProPlus / NA				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
13:26	0				7.26	14713	0	0.78	28.4	9.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Hardness, total as CaCO ₃ (SM 2340 B),Nitrate as N (EPA 300.0),Nitrite as Nitrogen (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Calcium (SW 6010B),Iron (SW 6010B),Magnesium (SW 6020A),Potassium (SW 6010B),Sodium (SW 6020A)	Plastic	1	500 mL	HNO ₃
Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
0	0	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID:	IRZ-23-143	Date(s):	2025-11-12	Work Order(s):	PGE_Topock_2025_Q4_IRZ_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLEAR, T:73.17 °F, rH:20%, Clouds: 0%, Wind:3.44mph E-SE			Field Technician:	Daniel Garcia		
Measuring Pt. Description:	Top of Outer Casing	Screen Setting (ft-bgs):	92.10-142.00	Casing Diameter (in):	10.00	Well Casing Material:	NA
Static Water Level (ft-bmp):	NA	Total Depth (ft-bmp):	NA	Water Column(ft):		Gallons in Well:	NA
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	NA	Purge Method:	NA	Purging Equipment:	
Purge Start Time:	NA	Total Volume Purged (gallons):	NA	Sample ID:	IRZ-23-143-Q425	Sample Time:	11:00
Purge End Time:	NA	Well Volumes Purged (total):	NA	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	YSI ProPlus / NA
Scope of work completed?	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
10:55	0				6.43	7355	0.2	3.28	27.5	122.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Alkalinity, total as CaCO ₃ (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Hardness, total as CaCO ₃ (SM 2340 B),Nitrate as N (EPA 300.0),Nitrite as Nitrogen (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	1 L	None
Calcium (SW 6010B),Iron (SW 6010B),Magnesium (SW 6020A),Potassium (SW 6010B),Sodium (SW 6020A)	Plastic	1	500 mL	HNO ₃
Calcium, dissolved (SW 6010B),Iron, dissolved (SW 6020A),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Potassium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	500 mL	HNO ₃
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH ₄) ₂ SO ₄ /NaOH
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H ₂ SO ₄

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
1.1	0.2	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Location ID: MW-34-055
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:22.93 °C, rH:20%, Clouds: 0%, Wind:1.54m/s E-SE
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 45.00-55.00
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.23
 Total Depth (ft-bmp): 56.25
 Water Column(ft): 49.02
 Liters in Well: 121.13

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 50
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:04
 Total Volume Purged (liters): 7.5
 Sample ID: MW-34-055-Q425
 Sample Time: 10:20

Purge End Time: 10:19
 Well Volumes Purged (total): 0.06
 Replicate Type / Replicate ID: Equipment Blank / MW-34-055-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:07	0	500	mL/min	7.25	7.75	0.47	0.61	947	9	2.08	20.2	108.4	Clear	No Odor
10:10	3	500	mL/min	7.25	7.71	0.51	0.67	1031	2	1.63	20.3	112.3	Clear	No Odor
10:13	6	500	mL/min	7.25	7.7	0.52	0.68	1049	2	1.66	20.3	112	Clear	No Odor
10:16	9	500	mL/min	7.25	7.7	0.53	0.68	1059	2	1.68	20.4	111.4	Clear	No Odor
10:19	12	500	mL/min	7.25	7.7	0.53	0.69	1061	2	1.71	20.4	110.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
2	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-34-080
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:20.93 °C, rH:21%, Clouds: 0%, Wind:1.54m/s E
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 73.00-83.00
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.38
 Total Depth (ft-bmp): 84.12
 Water Column(ft): 76.74
 Liters in Well: 189.63

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 78
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:40
 Total Volume Purged (liters): 7.5
 Sample ID: MW-34-080-Q425
 Sample Time: 09:56

Purge End Time: 09:52
 Well Volumes Purged (total): 0.04
 Replicate Type / Replicate ID: Equipment Blank / MW-34-080-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:43	0	500	mL/min	7.40	7.75	4.76	5.53	8517	7	1.77	20.4	105.3	Clear	No Odor
09:46	3	500	mL/min	7.40	7.74	4.76	5.54	8519	7	1.71	20.4	104.8	Clear	No Odor
09:49	6	500	mL/min	7.40	7.74	4.74	5.52	8495	7	1.62	20.4	104.5	Clear	No Odor
09:52	9	500	mL/min	7.40	7.73	4.76	5.53	8516	7	1.6	20.4	104.4	Clear	No Odor
09:55	12	500	mL/min	7.40	7.73	4.76	5.54	8515	7	1.63	20.3	104.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-36-070
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 60.00-70.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 19.44
 Total Depth (ft-bmp): 72.21
 Water Column(ft): 52.77
 Liters in Well: 8.15

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 70
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 11:57
 Total Volume Purged (liters): 4.5
 Sample ID: MW-36-070-Q425
 Sample Time: 12:13

Purge End Time: 12:12
 Well Volumes Purged (total): 0.55
 Replicate Type / Replicate ID: Equipment Blank / MW-36-070-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:57	0	300	mL/min	19.44	7.42	1.41	1.888	3131	17	1.45	27.6	147.6	Clear	No Odor
12:00	3	300	mL/min	19.44	7.26	1.36	1.709	2614	15	0.43	24.9	142.4	Clear	No Odor
12:03	6	300	mL/min	19.45	7.23	1.4	1.761	2707	15	0.39	24.9	142.1	Clear	No Odor
12:06	9	300	mL/min	19.46	7.21	1.4	1.768	2746	13	0.37	25.8	140.7	Clear	No Odor
12:09	12	300	mL/min	19.47	7.23	1.42	1.763	2741	13	0.35	25.7	140.9	Clear	No Odor
12:12	15	300	mL/min	19.47	7.24	1.42	1.766	2743	12	0.32	25.1	140.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-77-046
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 26.00-46.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 29.74
 Total Depth (ft-bmp): 40
 Water Column(ft): 10.26
 Liters in Well: 6.34

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 38
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 14:48
 Total Volume Purged (liters): 4.5
 Sample ID: MW-77-046-Q425
 Sample Time: 15:04

Purge End Time: 15:03
 Well Volumes Purged (total): 0.71
 Replicate Type / Replicate ID: Equipment Blank / EB-712-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (psu)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
14:48	0	300	mL/min	29.74	7.14	5.42	6.233	9617	15	0.89	25.1	122.4	Clear	No Odor
14:51	3	300	mL/min	29.74	7.11	5.45	6.231	9619	15	0.92	25.3	120.7	Clear	No Odor
14:54	6	300	mL/min	29.75	7.13	5.46	6.227	9622	15	0.95	25.5	118.7	Clear	No Odor
14:57	9	300	mL/min	29.76	7.15	5.44	6.225	9624	15	0.92	25.3	120.7	Clear	No Odor
15:00	12	300	mL/min	29.76	7.14	5.44	6.222	9622	15	0.93	25.1	120.1	Clear	No Odor
15:03	15	300	mL/min	29.77	7.15	5.43	6.221	9624	15	0.92	25	119.4	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity: 15
 Post-Filter Turbidity: 1
 Number of Filters Used: 1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-21 **Date(s):** 2025-11-12 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLOUDS, T:27.45 °C, rH:14%, Clouds: 94%, Wind:2.66m/s S **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 39.00-59.00 **Casing Diameter (in):** 4.00 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 50.72 **Total Depth (ft-bmp):** 58.36 **Water Column(ft):** 7.64 **Liters in Well:** 18.88

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 55 **Purge Method:** Low Flow **Purging Equipment:** Portable Bladder

Purge Start Time: 13:03 **Total Volume Purged (liters):** 2.7 **Sample ID:** MW-21-Q425 **Sample Time:** 13:19

Purge End Time: 13:18 **Well Volumes Purged (total):** 0.14 **Replicate Type / Replicate ID:** Equipment Blank / MW-21-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:06	0	500	mL/min	51.21	7.53	6.72	7.7	12036	36	3.64	28.8	98.1	Clear	No Odor
13:09	3	100	mL/min	51.25	7.54	6.77	7.75	11918	33	2.61	29.1	87.6	Clear	No Odor
13:12	6	100	mL/min	51.25	7.53	6.77	7.75	11932	32	2.24	29.1	81.6	Clear	No Odor
13:15	9	100	mL/min	51.25	7.52	6.77	7.75	11927	32	2.12	28.9	80.2	Clear	No Odor
13:18	12	100	mL/min	51.25	7.5	6.77	7.75	11919	32	2.1	28.9	79.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
32	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-76-156
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:24.87 °C, rH:17%, Clouds: 0%, Wind:2.06m/s E
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 136.00-156.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 27.11
 Total Depth (ft-bmp): 155.61
 Water Column(ft): 128.5
 Liters in Well: 79.38

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 146
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 11:04
 Total Volume Purged (liters): 7.5
 Sample ID: MW-76-156-Q425
 Sample Time: 11:20

Purge End Time: 11:19
 Well Volumes Purged (total): 0.09
 Replicate Type / Replicate ID: MS/MSD / MW-76-156-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:07	0	500	mL/min	27.13	7.62	4.22	4.99	7678	28	2.32	28.6	114.9	Clear	No Odor
11:10	3	500	mL/min	27.13	7.57	4.25	5.03	7678	22	2.12	29.2	114.4	Clear	No Odor
11:13	6	500	mL/min	27.13	7.55	4.27	5.05	7757	20	1.94	28.6	114.3	Clear	No Odor
11:16	9	500	mL/min	27.13	7.51	4.28	5.05	7774	20	1.9	28.7	114.4	Clear	No Odor
11:19	12	500	mL/min	27.13	7.49	4.27	5.05	7766	20	1.89	28.3	114.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
20	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-71-035 **Date(s):** 2025-11-12 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLEAR, T:27.08 °C, rH:17%, Clouds: 0%, Wind:2.06m/s N-NE **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 26.00-36.00 **Casing Diameter (in):** 2.00 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 29.06 **Total Depth (ft-bmp):** 35.33 **Water Column(ft):** 6.27 **Liters in Well:** 3.87

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 33 **Purge Method:** Low Flow **Purging Equipment:** Portable Bladder

Purge Start Time: 13:36 **Total Volume Purged (liters):** 2.7 **Sample ID:** MW-71-035-Q425 **Sample Time:** 13:52

Purge End Time: 13:51 **Well Volumes Purged (total):** 0.70 **Replicate Type / Replicate ID:** Duplicate / MW-918-Q425 **Equipment Blank / Replicate ID:** EB-711-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:39	0	500	mL/min	29.66	7.52	4.38	5.17	7954	37	5.69	28.8	104.3	Clear	No Odor
13:42	3	100	mL/min	29.70	7.51	4.13	4.89	7549	31	1.57	29	104.6	Clear	No Odor
13:45	6	100	mL/min	29.70	7.5	3.5	4.19	6475	30	2.79	29	104.6	Clear	No Odor
13:48	9	100	mL/min	29.70	7.5	3.53	4.22	6494	30	2.77	28.9	104.9	Clear	No Odor
13:51	12	100	mL/min	29.70	7.5	3.47	4.16	6408	30	2.7	29	105.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
30	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:Well Labeled Properly: yesIs Well in Good Condition? goodWell Inspection Comments: NA**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-34-100
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:20.93 °C, rH:21%, Clouds: 0%, Wind:1.54m/s E
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 89.50-99.50
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 7.39
 Total Depth (ft-bmp): 115.76
 Water Column(ft): 108.37
 Liters in Well: 66.95

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 95
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:10
 Total Volume Purged (liters): 7.5
 Sample ID: MW-34-100-Q425
 Sample Time: 09:26

Purge End Time: 09:25
 Well Volumes Purged (total): 0.11
 Replicate Type / Replicate ID: Duplicate / MW-910-Q425
 MS/MSD / MW-34-100-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:13	0	500	mL/min	7.41	7.81	7.42	8.37	12901	6	0.73	20.3	95.4	Clear	No Odor
09:16	3	500	mL/min	7.41	7.81	7.18	8.11	12493	6	2.88	20.3	95.8	Clear	No Odor
09:19	6	500	mL/min	7.41	7.8	7.14	8.08	12424	6	1.74	20.3	98.2	Clear	No Odor
09:22	9	500	mL/min	7.41	7.79	7.13	8.06	12402	6	1.79	20.3	99.6	Clear	No Odor
09:25	12	500	mL/min	7.41	7.79	7.15	8.08	12431	6	1.67	20.3	100.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	4	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-81-098
 Date(s): 2025-11-12
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 78.00-98.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 25.42
 Total Depth (ft-bmp): 99.1
 Water Column(ft): 73.68
 Liters in Well: 45.52

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 97
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 13:09
 Total Volume Purged (liters): 4.5
 Sample ID: MW-81-098-Q425
 Sample Time: 13:25

Purge End Time: 13:24
 Well Volumes Purged (total): 0.10
 Replicate Type / Replicate ID: Duplicate / MW-920-Q425 MS/MSD / MW-81-098-Q425
 Water Quality Meter/ ID: Hach 2100-P, YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:09	0	300	mL/min	25.42	7.23	5.33	6.176	9780	10	2.37	26.8	70.5	Clear	No Odor
13:12	3	300	mL/min	25.43	7.01	5.41	6.279	9938	10	2.04	26.5	70	Clear	No Odor
13:15	6	300	mL/min	25.44	7.01	5.44	6.305	9951	10	2.02	26.3	65.7	Clear	No Odor
13:18	9	300	mL/min	25.44	7	5.44	6.305	9937	10	1.96	26.3	65.1	Clear	No Odor
13:21	12	300	mL/min	25.45	7.02	5.42	6.302	9935	10	1.93	26.2	65.4	Clear	No Odor
13:24	15	300	mL/min	25.46	7.03	5.45	6.3	9933	10	1.91	26.3	65.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	2	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0), Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	4	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
10	1	1

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Comments: None

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-050
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 47.00-52.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 15.46
 Total Depth (ft-bmp): 54.42
 Water Column(ft): 38.96
 Liters in Well: 6.02

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 52
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:55
 Total Volume Purged (liters): 4.5
 Sample ID: MW-39-050-Q425
 Sample Time: 10:11

Purge End Time: 10:10
 Well Volumes Purged (total): 0.75
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:55	0	300	mL/min	15.46	7.19	1.45	1.813	2577	16	1.13	21.2	150.2	Clear	No Odor
09:58	3	300	mL/min	15.46	7.11	1.59	1.982	2824	16	0.71	21.2	145.1	Clear	No Odor
10:01	6	300	mL/min	15.47	7.11	1.61	2.002	2847	16	0.69	21.2	141.1	Clear	No Odor
10:04	9	300	mL/min	15.48	7.12	1.62	2.015	2873	16	0.57	21.2	135.7	Clear	No Odor
10:07	12	300	mL/min	15.48	7.13	1.65	2.012	2875	16	0.59	21.1	135.1	Clear	No Odor
10:10	15	300	mL/min	15.48	7.15	1.62	2.016	2873	16	0.55	21	132.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-060
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 49.00-59.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 22.85
 Total Depth (ft-bmp): 58.87
 Water Column(ft): 36.02
 Liters in Well: 5.56

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): NA
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 09:24
 Total Volume Purged (liters): 4.5
 Sample ID: MW-39-060-Q425
 Sample Time: 09:40

Purge End Time: 09:39
 Well Volumes Purged (total): 0.81
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:24	0	300	mL/min	22.85	7.14	1.34	1.683	2379	20	0.71	20.8	107.4	Clear	No Odor
09:27	3	300	mL/min	22.86	7.16	1.35	1.69	2388	18	0.69	20.8	107.1	Clear	No Odor
09:30	6	300	mL/min	22.86	7.17	1.37	1.709	2423	18	0.66	20.9	102.7	Clear	No Odor
09:33	9	300	mL/min	22.87	7.13	1.63	2.028	2855	18	0.69	20.7	102.1	Clear	No Odor
09:36	12	300	mL/min	22.88	7.12	1.63	2.021	2851	18	0.65	20.7	102.9	Clear	No Odor
09:39	15	300	mL/min	22.88	7.11	1.63	2.025	2853	18	0.66	20.5	102.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
18	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-20-070
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:25.14 °C, rH:16%, Clouds: 0%, Wind:0m/s N
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 50.00-70.00
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 45.75
 Total Depth (ft-bmp): 68.4
 Water Column(ft): 22.65
 Liters in Well: 55.97

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 60
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 11:53
 Total Volume Purged (liters): 7.5
 Sample ID: MW-20-070-Q425
 Sample Time: 12:09

Purge End Time: 12:08
 Well Volumes Purged (total): 0.13
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:56	0	500	mL/min	45.77	7.82	1.55	1.95	3020	18	5.47	29	149.6	Clear	No Odor
11:59	3	500	mL/min	45.77	7.78	1.5	1.89	2905	10	5.52	28.7	152.8	Clear	No Odor
12:02	6	500	mL/min	45.77	7.75	1.53	1.91	2951	7	5.66	26.8	154.1	Clear	No Odor
12:05	9	500	mL/min	45.77	7.74	1.51	1.89	2970	7	5.64	26.8	155.6	Clear	No Odor
12:08	12	500	mL/min	45.77	7.72	1.52	1.9	2936	7	5.72	26.8	157.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-20-130
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:26.98 °C, rH:14%, Clouds: 0%, Wind:2.57m/s NW
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 121.00-131.00
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 46.32
 Total Depth (ft-bmp): 129.57
 Water Column(ft): 83.25
 Liters in Well: 205.72

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 126
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 12:27
 Total Volume Purged (liters): 7.5
 Sample ID: MW-20-130-Q425
 Sample Time: 12:43

Purge End Time: 12:42
 Well Volumes Purged (total): 0.04
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:30	0	500	mL/min	46.35	7.66	4.92	5.76	8846	12	0.84	29.8	166.5	Clear	No Odor
12:33	3	500	mL/min	46.35	7.64	4.96	5.81	8930	10	0.53	29.9	164.9	Clear	No Odor
12:36	6	500	mL/min	46.35	7.6	4.96	5.81	8933	9	0.41	29.9	165.2	Clear	No Odor
12:39	9	500	mL/min	46.35	7.56	4.96	5.81	8944	9	0.35	29.7	165.3	Clear	No Odor
12:42	12	500	mL/min	46.35	7.54	4.96	5.81	8942	9	0.34	29.7	165.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-31-135
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:22.87 °C, rH:18%, Clouds: 0%, Wind:0m/s N
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 113.00-133.00
 Casing Diameter (in): 2.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 41.46
 Total Depth (ft-bmp): 130.03
 Water Column(ft): 88.57
 Liters in Well: 54.72

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 123
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 10:28
 Total Volume Purged (liters): 7.5
 Sample ID: MW-31-135-Q425
 Sample Time: 10:44

Purge End Time: 10:43
 Well Volumes Purged (total): 0.14
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:31	0	500	mL/min	41.48	7.94	4.76	5.57	8570	29	0.83	27	161	Clear	No Odor
10:34	3	500	mL/min	41.48	7.94	4.81	5.63	8660	18	0.48	27	160.4	Clear	No Odor
10:37	6	500	mL/min	41.48	7.94	4.82	5.64	8676	14	0.39	26.9	159.6	Clear	No Odor
10:40	9	500	mL/min	41.48	7.94	4.84	5.65	8707	14	0.33	26.5	159.7	Clear	No Odor
10:43	12	500	mL/min	41.48	7.95	4.84	5.66	8717	14	0.35	26.3	159.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
14	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-070
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 60.00-70.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 14.91
 Total Depth (ft-bmp): 71.16
 Water Column(ft): 56.25
 Liters in Well: 8.69

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 69
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 11:29
 Total Volume Purged (liters): 4.5
 Sample ID: MW-39-070-Q425
 Sample Time: 11:45

Purge End Time: 11:44
 Well Volumes Purged (total): 0.52
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:29	0	300	mL/min	14.91	7.11	2.71	3.276	4718	25	0.71	21.7	163.7	Clear	No Odor
11:32	3	300	mL/min	14.91	7.1	2.71	3.269	4712	22	0.66	21.7	154.2	Clear	No Odor
11:35	6	300	mL/min	14.91	7.09	2.7	3.269	4702	22	0.61	21.6	152.4	Clear	No Odor
11:38	9	300	mL/min	14.91	7.09	2.72	3.276	4705	22	0.47	21.6	151.4	Clear	No Odor
11:41	12	300	mL/min	14.91	7.05	2.75	3.271	4702	21	0.45	21.6	147.2	Clear	No Odor
11:44	15	300	mL/min	14.91	7.03	2.72	3.275	4705	21	0.42	21.6	143.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
21	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID:	TW-02D	Date(s):	2025-11-11	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US
Weather:	CLEAR, T:21.87 °C, rH:18%, Clouds: 0%, Wind:0m/s N			Field Technician:	Riggie Tep
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	113.00-148.00	Casing Diameter (in):	6.00
Well Casing Material:	PVC				
Static Water Level (ft-bmp):	39.8	Total Depth (ft-bmp):	149.61	Water Column(ft):	109.81
Gallons in Well:	161.29				
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	131	Purge Method:	Low Flow
Purging Equipment:	Submersible Pump				
Purge Start Time:	09:21	Total Volume Purged (gallons):	21	Sample ID:	TW-02D-Q425
Sample Time:	09:37				
Purge End Time:	09:36	Well Volumes Purged (total):	0.13	Replicate Type / Replicate ID:	N/A
Water Quality Meter/ ID:	Hach 2100-P,YSI ProQuattro / NA				
Scope of work completed?	Yes				

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:24	0	1.4	gpm	39.82	7.91	4.29	5.06	7789	8	0.16	27.9	138.8	Clear	No Odor
09:27	3	1.4	gpm	39.82	7.91	4.28	5.06	7785	8	0.08	28.2	137.9	Clear	No Odor
09:30	6	1.4	gpm	39.82	7.92	4.28	5.06	7784	8	0.07	28.2	140	Clear	No Odor
09:33	9	1.4	gpm	39.82	7.92	4.28	5.06	7779	8	0.06	28.2	146.2	Clear	No Odor
09:36	12	1.4	gpm	39.82	7.93	4.28	5.06	7777	8	0.07	28.3	148	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
8	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID:	TW-02S	Date(s):	2025-11-11	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLEAR, T:18.87 °C, rH:22%, Clouds: 0%, Wind:0m/s N			Field Technician:	Riggie Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	42.50-92.50	Casing Diameter (in):	6.00	Well Casing Material:	PVC
Static Water Level (ft-bmp):	39.79	Total Depth (ft-bmp):	96.27	Water Column(ft):	56.48	Gallons in Well:	82.96
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	65	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	08:42	Total Volume Purged (gallons):	21	Sample ID:	TW-02S-Q425	Sample Time:	08:58
Purge End Time:	08:57	Well Volumes Purged (total):	0.25	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:45	0	1.4	gpm	39.80	7.88	4.16	4.92	7570	7	3.64	28	155.8	Clear	No Odor
08:48	3	1.4	gpm	39.80	7.9	4.16	4.92	7569	5	0.71	28.1	155.2	Clear	No Odor
08:51	6	1.4	gpm	39.80	7.92	4.16	4.92	7571	5	0.6	28.1	155.3	Clear	No Odor
08:54	9	1.4	gpm	39.80	7.93	4.16	4.92	7571	5	0.58	28.1	155.3	Clear	No Odor
08:57	12	1.4	gpm	39.80	7.93	4.16	4.92	7569	5	0.56	28.1	156.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
5	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID:	TW-03D	Date(s):	2025-11-11	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL		
Client:	Pacific Gas and Electric	Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US	Area:	Default Site
Weather:	CLEAR, T:21.87 °C, rH:18%, Clouds: 0%, Wind:0m/s N			Field Technician:	Riggie Tep		
Measuring Pt. Description:	Top of Inner Casing	Screen Setting (ft-bgs):	111.00-156.00	Casing Diameter (in):	8.00	Well Casing Material:	PVC
Static Water Level (ft-bmp):	39.58	Total Depth (ft-bmp):	152.32	Water Column(ft):	112.74	Gallons in Well:	294.39
Depth to Product (ft-bmp):	NA	Pump Intake Depth(ft-bmp):	131	Purge Method:	Low Flow	Purging Equipment:	Submersible Pump
Purge Start Time:	09:48	Total Volume Purged (gallons):	21	Sample ID:	TW-03D-Q425	Sample Time:	10:04
Purge End Time:	10:03	Well Volumes Purged (total):	0.07	Replicate Type / Replicate ID:	N/A	Water Quality Meter/ ID:	Hach 2100-P,YSI ProQuattro / NA
Scope of work completed?	Yes						

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
09:51	0	1.4	gpm	39.60	7.9	4.12	4.87	7498	9	0.15	28.2	154.9	Clear	No Odor
09:54	3	1.4	gpm	39.60	7.89	4.12	4.87	7499	4	0.09	28.3	155.7	Clear	No Odor
09:57	6	1.4	gpm	39.60	7.89	4.12	4.87	7499	4	0.08	28.3	157.2	Clear	No Odor
10:00	9	1.4	gpm	39.60	7.9	4.12	4.87	7500	4	0.12	28.3	158.4	Clear	No Odor
10:03	12	1.4	gpm	39.60	7.89	4.12	4.87	7502	4	0.1	28.3	158.6	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-30-030R
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): -
 Casing Diameter (in): NA
 Well Casing Material: NA

Static Water Level (ft-bmp): 15.31
 Total Depth (ft-bmp): 32.15
 Water Column(ft): 16.84
 Liters in Well: NA

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 30
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 12:50
 Total Volume Purged (liters): 4.5
 Sample ID: MW-30-030R-Q425
 Sample Time: 13:06

Purge End Time: 13:05
 Well Volumes Purged (total): NA
 Replicate Type / Replicate ID: Equipment Blank / MW-30-030R-EB-Q424
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:50	0	300	mL/min	15.31	7.26	1.14	1.443	2218	12	0.44	24.9	168.9	Clear	No Odor
12:53	3	300	mL/min	15.32	7.22	1.11	1.435	2202	12	0.41	24.2	162.3	Clear	No Odor
12:56	6	300	mL/min	15.33	7.26	1.11	1.432	2201	12	0.43	24.5	162.9	Clear	No Odor
12:59	9	300	mL/min	15.34	7.22	1.14	1.449	2237	12	0.31	25.2	160.7	Clear	No Odor
13:02	12	300	mL/min	15.35	7.23	1.16	1.443	2235	12	0.33	25.1	160.1	Clear	No Odor
13:05	15	300	mL/min	15.35	7.24	1.18	1.445	2233	12	0.31	25.1	160.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-30-050
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 40.00-50.00
 Casing Diameter (in): 4.00
 Well Casing Material:

Static Water Level (ft-bmp): 15.19
 Total Depth (ft-bmp): 50.04
 Water Column(ft): 34.85
 Liters in Well: 86.12

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 48
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 13:30
 Total Volume Purged (liters): 4.5
 Sample ID: MW-30-050-Q425
 Sample Time: 13:46

Purge End Time: 13:45
 Well Volumes Purged (total): 0.05
 Replicate Type / Replicate ID: Equipment Blank / EB-710-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:30	0	300	mL/min	15.19	7.34	3.37	3.971	5820	12	1.13	23.9	108.2	Clear	No Odor
13:33	3	300	mL/min	15.19	7.31	3.31	3.978	5812	12	1.16	23.2	103.4	Clear	No Odor
13:36	6	300	mL/min	15.19	7.22	3.39	3.972	5802	12	1.12	23.1	101.6	Clear	No Odor
13:39	9	300	mL/min	15.19	7.13	3.23	3.867	5879	12	0.32	24.3	101.1	Clear	No Odor
13:42	12	300	mL/min	15.19	7.15	3.26	3.863	5878	12	0.36	24.1	101.9	Clear	No Odor
13:45	15	300	mL/min	15.19	7.14	3.26	3.865	5879	12	0.35	24	101.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
12	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-040 **Date(s):** 2025-11-11 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 30.00-40.00 **Casing Diameter (in):** 1.00 **Well Casing Material:**

Static Water Level (ft-bmp): 14.1 **Total Depth (ft-bmp):** 37.49 **Water Column(ft):** 23.39 **Liters in Well:** 3.61

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 35 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 12:04 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-39-040-Q425 **Sample Time:** 12:20

Purge End Time: 12:19 **Well Volumes Purged (total):** 1.25 **Replicate Type / Replicate ID:** Equipment Blank / MW-39-040-EB-Q424 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:04	0	300	mL/min	14.10	7.67	0.64	0.832	1212	9	0.51	22.2	117.4	Clear	No Odor
12:07	3	300	mL/min	14.12	7.64	0.63	0.825	1202	9	0.43	22.3	112.1	Clear	No Odor
12:10	6	300	mL/min	14.14	7.63	0.63	0.825	1202	6	0.42	22.3	105	Clear	No Odor
12:13	9	300	mL/min	14.15	7.63	0.63	0.825	1204	6	0.35	22.4	102.1	Clear	No Odor
12:16	12	300	mL/min	14.16	7.61	0.63	0.821	1202	6	0.32	22.4	102.9	Clear	No Odor
12:19	15	300	mL/min	14.16	7.62	0.63	0.825	1201	6	0.35	22.4	100.7	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
6	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-20-100
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:27.14 °C, rH:14%, Clouds: 0%, Wind:2.57m/s NW
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 89.50-99.50
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 45.93
 Total Depth (ft-bmp): 98.08
 Water Column(ft): 52.15
 Liters in Well: 128.87

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 95
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 13:01
 Total Volume Purged (liters): 7.5
 Sample ID: MW-20-100-Q425
 Sample Time: 13:17

Purge End Time: 13:16
 Well Volumes Purged (total): 0.06
 Replicate Type / Replicate ID: Equipment Blank / EB-709-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:04	0	500	mL/min	45.95	7.54	2.21	2.74	4209	18	2.63	29.1	167.1	Clear	No Odor
13:07	3	500	mL/min	45.95	7.51	2.17	2.67	4121	14	2.45	29.2	168.4	Clear	No Odor
13:10	6	500	mL/min	45.95	7.47	2.17	2.68	4129	11	2.42	29	168.5	Clear	No Odor
13:13	9	500	mL/min	45.95	7.44	2.17	2.68	4125	11	2.34	29	167.2	Clear	No Odor
13:16	12	500	mL/min	45.95	7.42	2.17	2.67	4123	11	2.32	29	166.8	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
11	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-080
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 70.00-80.00
 Casing Diameter (in): 1.00
 Well Casing Material:

Static Water Level (ft-bmp): 16
 Total Depth (ft-bmp): 81.95
 Water Column(ft): 65.95
 Liters in Well: 10.19

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 89
 Purge Method: Low Flow
 Purging Equipment: Peristaltic Pump

Purge Start Time: 10:37
 Total Volume Purged (liters): 4.5
 Sample ID: MW-39-080-Q425
 Sample Time: 10:53

Purge End Time: 10:52
 Well Volumes Purged (total): 0.44
 Replicate Type / Replicate ID: MS/MSD / MW-39-080-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
10:37	0	300	mL/min	16.00	7.26	3.35	3.978	5578	10	1.03	21.4	87.4	Clear	No Odor
10:40	3	300	mL/min	16.02	7.14	4.24	4.972	7069	7	0.63	21.4	83.7	Clear	No Odor
10:43	6	300	mL/min	16.03	7.12	4.4	5.154	7364	7	0.58	21.4	81.4	Clear	No Odor
10:46	9	300	mL/min	16.04	7.11	4.41	5.167	7403	7	0.52	21.4	81.1	Clear	No Odor
10:49	12	300	mL/min	16.04	7.13	4.44	5.163	7401	7	0.55	21.4	81.9	Clear	No Odor
10:52	15	300	mL/min	16.05	7.15	4.44	5.165	7403	7	0.53	21.2	81.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0), Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-31-060
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: CLEAR, T:24.82 °C, rH:16%, Clouds: 0%, Wind:0m/s N
 Field Technician: Riggie Tep

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 41.50-61.50
 Casing Diameter (in): 4.00
 Well Casing Material: PVC

Static Water Level (ft-bmp): 40.34
 Total Depth (ft-bmp): 64
 Water Column(ft): 23.66
 Liters in Well: 58.47

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 51
 Purge Method: Low Flow
 Purging Equipment: Portable Bladder

Purge Start Time: 11:05
 Total Volume Purged (liters): 7.5
 Sample ID: MW-31-060-Q425
 Sample Time: 11:21

Purge End Time: 11:20
 Well Volumes Purged (total): 0.13
 Replicate Type / Replicate ID: Duplicate / MW-909-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
11:08	0	500	mL/min	40.37	7.93	4.22	4.98	7674	34	1.12	27.8	44.8	Clear	No Odor
11:11	3	500	mL/min	40.37	7.93	4.22	4.98	7670	28	0.94	27.8	-12.3	Clear	No Odor
11:14	6	500	mL/min	40.37	7.92	4.23	4.99	7685	26	0.78	27.9	-15.5	Clear	No Odor
11:17	9	500	mL/min	40.37	7.92	4.23	4.99	7682	26	0.77	27.9	-19.9	Clear	No Odor
11:20	12	500	mL/min	40.37	7.92	4.23	4.99	7685	26	0.74	27.9	-20.2	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
26	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

µS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description:** NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-39-100
 Date(s): 2025-11-11
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 80.00-100.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 17.56
 Total Depth (ft-bmp): 116.51
 Water Column(ft): 98.95
 Liters in Well: 61.13

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 114
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 08:38
 Total Volume Purged (liters): 4.5
 Sample ID: MW-39-100-Q425
 Sample Time: 08:54

Purge End Time: 08:53
 Well Volumes Purged (total): 0.07
 Replicate Type / Replicate ID: Duplicate / MW-912-Q425
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
08:38	0	300	mL/min	17.56	7.18	10.54	11.68	16459	18	2.21	20.8	134.7	Clear	No Odor
08:41	3	300	mL/min	17.56	7.13	12.08	11.08	17138	18	2.46	20.8	132.7	Clear	No Odor
08:44	6	300	mL/min	17.56	7.12	10.8	11.85	16874	18	1.52	20.9	127.4	Clear	No Odor
08:47	9	300	mL/min	17.58	7.1	10.18	11.21	15936	17	1.11	21	123.2	Clear	No Odor
08:50	12	300	mL/min	17.59	7.12	10.12	11.23	15933	17	1.09	21.2	121.7	Clear	No Odor
08:53	15	300	mL/min	17.59	7.11	10.12	11.23	15931	17	1.05	21.1	121.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	2	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	2	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	2	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	2	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
17	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-77-158
 Date(s): 2025-11-10
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 137.90-158.00
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 28.9
 Total Depth (ft-bmp): 159.91
 Water Column(ft): 131.01
 Liters in Well: 80.94

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 157
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 12:56
 Total Volume Purged (liters): 4.5
 Sample ID: MW-77-158-Q425
 Sample Time: 13:12

Purge End Time: 13:11
 Well Volumes Purged (total): 0.06
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:56	0	300	mL/min	28.90	6.99	5.33	6.181	9639	18	1.56	25.7	122.7	Clear	No Odor
12:59	3	300	mL/min	28.92	6.95	5.39	6.246	9694	18	1.08	25.4	121.4	Clear	No Odor
13:02	6	300	mL/min	28.92	6.93	5.38	6.24	9709	15	0.86	25.6	119.7	Clear	No Odor
13:05	9	300	mL/min	28.93	6.93	5.3	6.156	9563	13	0.8	25.6	119.7	Clear	No Odor
13:08	12	300	mL/min	28.94	6.95	5.36	6.152	9565	13	0.82	25.3	119.1	Clear	No Odor
13:11	15	300	mL/min	28.95	6.94	5.32	6.153	9562	13	0.85	25.2	119.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
13	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: PT5M **Date(s):** 2025-11-10 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLEAR, T:29.84 °C, rH:13%, Clouds: 0%, Wind:4.63m/s N **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 60.00-70.00 **Casing Diameter (in):** 2 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 19.92 **Total Depth (ft-bmp):** 72.82 **Water Column(ft):** 52.9 **Liters in Well:** 32.68

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 65 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 13:13 **Total Volume Purged (liters):** 7.5 **Sample ID:** PT5M-Q425 **Sample Time:** 13:29

Purge End Time: 13:28 **Well Volumes Purged (total):** 0.23 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:16	0	500	mL/min	19.97	7.74	3.72	4.41	6798	11	0.17	24.8	171.1	Clear	No Odor
13:19	3	500	mL/min	19.97	7.72	3.72	4.41	6787	10	0.07	24.2	172	Clear	No Odor
13:22	6	500	mL/min	19.97	7.68	3.72	4.41	6786	9	0.07	24.4	172.3	Clear	No Odor
13:25	9	500	mL/min	19.97	7.65	3.71	4.4	6781	9	0.07	24.1	172.7	Clear	No Odor
13:28	12	500	mL/min	19.97	7.64	3.71	4.4	6777	9	0.09	24.2	172.8	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
9	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-77-187
 Date(s): 2025-11-10
 Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric
 Facility: Topock
 Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
 Area: Default Site

Weather: Clear
 Field Technician: Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing
 Screen Setting (ft-bgs): 167.00-187.10
 Casing Diameter (in): 2.00
 Well Casing Material:

Static Water Level (ft-bmp): 26.56
 Total Depth (ft-bmp): 188.9
 Water Column(ft): 162.34
 Liters in Well: 100.29

Depth to Product (ft-bmp): NA
 Pump Intake Depth(ft-bmp): 186
 Purge Method: Low Flow
 Purging Equipment: Submersible Pump

Purge Start Time: 12:15
 Total Volume Purged (liters): 4.5
 Sample ID: MW-77-187-Q425
 Sample Time: 12:31

Purge End Time: 12:30
 Well Volumes Purged (total): 0.04
 Replicate Type / Replicate ID: N/A
 Water Quality Meter/ ID: Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:15	0	300	mL/min	26.56	7.53	5.31	6.165	10068	19	1	29.3	100.7	Clear	No Odor
12:18	3	300	mL/min	26.57	7.74	5.45	6.415	10480	16	1.22	28.2	98.7	Clear	No Odor
12:21	6	300	mL/min	26.57	7.72	5.48	6.415	10387	16	1.18	28.2	98.1	Clear	No Odor
12:24	9	300	mL/min	26.57	7.64	5.53	6.422	10520	16	1.12	28.4	98.6	Clear	No Odor
12:27	12	300	mL/min	26.58	7.65	5.55	6.423	10522	16	1.15	28.3	98.1	Clear	No Odor
12:30	15	300	mL/min	26.59	7.63	5.52	6.425	10525	16	1.12	28.3	98.3	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
16	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: PT5D **Date(s):** 2025-11-10 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLEAR, T:29.07 °C, rH:14%, Clouds: 0%, Wind:4.12m/s N **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 95.00-105.00 **Casing Diameter (in):** 2 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 20.09 **Total Depth (ft-bmp):** 107.26 **Water Column(ft):** 87.17 **Liters in Well:** 53.85

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 100 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 12:48 **Total Volume Purged (liters):** 7.5 **Sample ID:** PT5D-Q425 **Sample Time:** 13:04

Purge End Time: 13:03 **Well Volumes Purged (total):** 0.14 **Replicate Type / Replicate ID:** N/A **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
12:51	0	500	mL/min	20.10	7.91	5.61	6.48	9973	8	0.13	24.9	156	Clear	No Odor
12:54	3	500	mL/min	20.10	7.85	5.61	6.48	9964	6	0.08	25.1	158.4	Clear	No Odor
12:57	6	500	mL/min	20.10	7.81	5.6	6.47	9954	4	0.07	24.9	160.9	Clear	No Odor
13:00	9	500	mL/min	20.10	7.77	5.6	6.47	9948	4	0.06	24.7	163	Clear	No Odor
13:03	12	500	mL/min	20.10	7.75	5.6	6.47	9950	4	0.06	24.9	164.9	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Manganese, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020),Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Iron, dissolved (SW 6020A)	Plastic	1	500 mL	HNO3
Nitrate as N (EPA 300.0),Sulfate (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
4	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: MW-77-102 **Date(s):** 2025-11-10 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: Clear **Field Technician:** Jyovanny Rebolledo

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 82.00-102.00 **Casing Diameter (in):** 2.00 **Well Casing Material:**

Static Water Level (ft-bmp): 29.3 **Total Depth (ft-bmp):** 104.21 **Water Column(ft):** 74.91 **Liters in Well:** 46.28

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 102 **Purge Method:** Low Flow **Purging Equipment:** Submersible Pump

Purge Start Time: 13:38 **Total Volume Purged (liters):** 4.5 **Sample ID:** MW-77-102-Q425 **Sample Time:** 13:54

Purge End Time: 13:53 **Well Volumes Purged (total):** 0.10 **Replicate Type / Replicate ID:** Equipment Blank / EB-708-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProPlus / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:38	0	300	mL/min	29.30	6.82	6.57	7.637	10893	18	1.16	24.4	132.4	Clear	No Odor
13:41	3	300	mL/min	29.31	6.89	6.66	7.637	11781	15	0.89	24.9	127.5	Clear	No Odor
13:44	6	300	mL/min	29.31	6.87	6.06	6.922	10951	15	0.86	25.1	127.1	Clear	No Odor
13:47	9	300	mL/min	29.32	6.85	5.83	6.721	10390	15	0.83	25.2	127.1	Clear	No Odor
13:50	12	300	mL/min	29.33	6.83	5.85	6.726	10394	15	0.85	25.5	127.9	Clear	No Odor
13:53	15	300	mL/min	29.34	6.85	5.85	6.722	10392	15	0.88	25.3	127.5	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020), Barium, dissolved (SW 6020), Chromium, total dissolved (SW 6020), Iron, dissolved (SW 6020A), Manganese, dissolved (SW 6020), Molybdenum, dissolved (SW 6020), Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
15	1	1

Comments: None

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Information:

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA



Description: NA

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Location ID: PT5S **Date(s):** 2025-11-10 **Work Order(s):** PGE_Topock_2025_Q4_V1_FINAL

Client: Pacific Gas and Electric **Facility:** Topock **Facility Location:** 515 National Trails Hwy, Needles, CA 92363, US **Area:** Default Site

Weather: CLEAR, T:30.1 °C, rH:13%, Clouds: 0%, Wind:4.63m/s N **Field Technician:** Riggie Tep

Measuring Pt. Description: Top of Inner Casing **Screen Setting (ft-bgs):** 35.00-45.00 **Casing Diameter (in):** 2 **Well Casing Material:** PVC

Static Water Level (ft-bmp): 19.94 **Total Depth (ft-bmp):** 47.88 **Water Column(ft):** 27.94 **Liters in Well:** 17.26

Depth to Product (ft-bmp): NA **Pump Intake Depth(ft-bmp):** 40 **Purge Method:** Low Flow **Purging Equipment:** Peristaltic Pump

Purge Start Time: 13:37 **Total Volume Purged (liters):** 7.5 **Sample ID:** PT5S-Q425 **Sample Time:** 13:53

Purge End Time: 13:52 **Well Volumes Purged (total):** 0.43 **Replicate Type / Replicate ID:** Equipment Blank / EB-707-Q425 **Water Quality Meter/ ID:** Hach 2100-P,YSI ProQuattro / NA

Scope of work completed? Yes

Time	Total Elapsed (min)	Flow Rate	Flow Rate Unit	Depth to Water (ft)	pH (S.U.)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ²)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
													Color	Odor
13:40	0	500	mL/min	19.97	7.69	0.54	0.71	1098	9	0.16	24.2	175	Clear	No Odor
13:43	3	500	mL/min	19.97	7.69	0.56	0.73	1115	7	0.07	24	151.3	Clear	No Odor
13:46	6	500	mL/min	19.97	7.68	0.57	0.75	1157	7	0.05	23.9	149.6	Clear	No Odor
13:49	9	500	mL/min	19.97	7.66	0.58	0.75	1159	7	0.05	23.9	144.7	Clear	No Odor
13:52	12	500	mL/min	19.97	7.66	0.58	0.75	1159	7	0.05	23.8	142.1	Clear	No Odor

Constituent Sampled	Container	Number	Volume	Preservative
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Iron, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	500 mL	HNO3
Chromium, Hexavalent (EPA 218.6)	Plastic	1	250 mL	(NH4)2SO4/NaOH
Nitrate as N (EPA 300.0)	Plastic	1	1 L	None
Total organic carbon (SM 5310 B)	Amber Glass	1	250 mL	H2SO4

Pre-Filter Turbidity	Post-Filter Turbidity	Number of Filters Used
7	1	1

Comments: None

Well Information:

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter
 S.U = standard units
 mS/cm = milliSiemens per centimeter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius
 gpm = gallons per minute

Well Labeled Properly: yes

Is Well in Good Condition? good

Well Inspection Comments: NA

**Description: NA**

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
S.U = standard units
mS/cm = milliSiemens per centimeter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
gpm = gallons per minute

Client:	Pacific Gas and Electric	Location ID:	C-BNS	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy	Field Technician:			Nara Tep		
Replicate Type / Replicate ID:		NA / NA		Sample Equipment:		Peristaltic Pump	
Static Water Level (m-bmp):		0		Water Depth:		11	
Sample Time:	10:30	Sample ID:	C-BNS-Q425		Sample Method:		Grab
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:30	8.23	0.47	0.61	955	8	7.85	17.5	95.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2102138.88 N
7616945.47 E
Raw Conductivity: 821 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-CON-D	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	9		
Sample Time:	09:30	Sample ID:	C-CON-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:30	8.28	0.48	0.63	975	5	7.6	17.1	95.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2105631.65 N
7614087.74 E
Raw Conductivity: 829 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-CON-S	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	9		
Sample Time:	09:40	Sample ID:	C-CON-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:40	8.24	0.48	0.63	976	4	7.86	17.3	94.6	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2105631.65 N
7614087.74 E
Raw Conductivity: 832 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-I-3-D	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	10		
Sample Time:	09:10	Sample ID:	C-I-3-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:10	8.19	0.47	0.61	954	15	7.88	17.2	108.5	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101054.44 N
7617743.35 E
Raw Conductivity: 813 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-I-3-S	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy	Field Technician:			Nara Tep		
Replicate Type / Replicate ID:		NA / NA		Sample Equipment:		Peristaltic Pump	
Static Water Level (m-bmp):		0		Water Depth:		10	
Sample Time:	09:20	Sample ID:	C-I-3-S-Q425		Sample Method:		Grab
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:20	8.18	0.42	0.62	955	16	7.88	17.2	105.9	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101054.44 N
7617743.35 E
Raw Conductivity: 813 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-MAR-D	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	MS/MSD / C-MAR-D-Q425			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	3		
Sample Time:	08:25	Sample ID:	C-MAR-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:25	8.26	0.48	0.63	975	9	6.96	16.9	92.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2102571.77 N
7617738.43 E
Raw Conductivity: 812 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-MAR-S	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	3		
Sample Time:	08:35	Sample ID:	C-MAR-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:35	8.25	0.48	0.63	976	8	6.88	16.3	96.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2102571.77 N
7617738.43 E
Raw Conductivity: 813 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR1-D	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	6		
Sample Time:	09:55	Sample ID:	C-NR1-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:55	8.28	0.48	0.63	975	4	7.88	17.3	96.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2106025.25 N
7613282.81 E
Raw Conductivity: 832 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR1-S	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	Duplicate / MW-929-Q425			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	6		
Sample Time:	10:05	Sample ID:	C-NR1-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:05	8.27	0.48	0.63	975	4	7.91	17.4	93.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2106025.25 N
7613282.81 E
Raw Conductivity: 834 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR3-D	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny		Field Technician:	Nara Tep			
Replicate Type / Replicate ID:	NA / NA		Sample Equipment:	Peristaltic Pump			
Static Water Level (m-bmp):	0		Water Depth:	6			
Sample Time:	10:30	Sample ID:	C-NR3-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:30	8.25	0.48	0.63	976	5	7.85	17.6	95.1	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2106754.73 N
7611724.76 E
Raw Conductivity: 837 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR3-S	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny		Field Technician:	Nara Tep			
Replicate Type / Replicate ID:	NA / NA		Sample Equipment:	Peristaltic Pump			
Static Water Level (m-bmp):	0		Water Depth:	6			
Sample Time:	10:40	Sample ID:	C-NR3-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:40	8.27	0.48	0.63	976	4	7.86	17.6	91.1	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2106754.73 N
7611724.76 E
Raw Conductivity: 838 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR4-D	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	7		
Sample Time:	10:55	Sample ID:	C-NR4-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:55	8.29	0.48	0.63	976	6	7.86	17.6	96.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2108624.75 N
7607999.68 E
Raw Conductivity: 839 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-NR4-S	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	7		
Sample Time:	11:05	Sample ID:	C-NR4-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:05	8.25	0.48	0.63	976	5	7.88	17.6	89.9	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2108624.75 N
7607999.68 E
Raw Conductivity: 839 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R22A-D	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	4		
Sample Time:	10:00	Sample ID:	C-R22A-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:00	8.25	0.48	0.62	961	17	7.85	17.4	102.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101639.44 N
7616968.51 E
Raw Conductivity: 822 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R22A-S	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy	Field Technician:			Nara Tep		
Replicate Type / Replicate ID:		NA / NA		Sample Equipment:		Peristaltic Pump	
Static Water Level (m-bmp):		0		Water Depth:		4	
Sample Time:	10:15	Sample ID:	C-R22A-S-Q425		Sample Method:		Grab
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:15	8.25	0.48	0.62	960	14	7.96	17.6	101.5	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101639.44 N
7616968.51 E
Raw Conductivity: 824 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R27-D	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Mostly Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	4		
Sample Time:	10:50	Sample ID:	C-R27-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
10:50	8.23	0.47	0.62	957	11	7.95	17.6	89.6	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments:
 2102558.85 N
 7616720.41 E
 Raw Conductivity: 822 us/cm

ft-bmp = feet below measuring point
 in = inches
 ft = feet
 mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
 NTU = Nephelometric Turbidity Unit
 mg/L = milligrams per liter

mV = millivolts
 °F = degrees Fahrenheit
 °C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-R27-S	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Mostly Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	4		
Sample Time:	11:05	Sample ID:	C-R27-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:05	8.21	0.47	0.62	957	11	7.88	17.8	88.1	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2102558.85 N
7616720.41 E
Raw Conductivity: 829 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-TAZ-D	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Mostly cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	Duplicate / MW-930-Q425			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	10		
Sample Time:	08:30	Sample ID:	C-TAZ-D-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:30	8.15	0.47	0.62	956	14	7.25	17.4	105.5	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2100869.88 N
7618855.11 E
Raw Conductivity: 817 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	C-TAZ-S	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	10		
Sample Time:	08:50	Sample ID:	C-TAZ-S-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:50	8.15	0.42	0.62	955	11	7.39	17.2	105.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2100869.88 N
7618855.11 E
Raw Conductivity: 841 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R-19	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	4		
Sample Time:	08:55	Sample ID:	R-19-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:55	8.24	0.48	0.63	976	6	7.53	17	95.9	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2103321.25 N
7616190.41 E
Raw Conductivity: 826 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R-28	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Mostly Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	Duplicate / MW-931-Q425			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	3		
Sample Time:	11:20	Sample ID:	R-28-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:20	8.25	0.48	0.62	961	15	8.23	18	76.9	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2103079.29 N
7616318.22 E
Raw Conductivity: 832 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	R63	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Peristaltic Pump		
Static Water Level (m-bmp):	0			Water Depth:	5		
Sample Time:	09:40	Sample ID:	R63-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:40	8.03	0.65	0.84	1306	3	7.44	17.2	70.5	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Alkalinity, total as CaCO3 (SM 2320 B),Bromide (EPA 300.0),Chloride (EPA 300.0),Fluoride (EPA 300.0),Nitrate as N (EPA 300.0),Sulfate (EPA 300.0),Total dissolved solids (SM 2540 C)	Plastic	1	None	
Arsenic, dissolved (SW 6020),Barium, dissolved (SW 6020),Calcium, dissolved (SW 6010B),Chromium, total dissolved (SW 6020),Iron, Dissolved (SW 6010B),Magnesium, dissolved (SW 6020A),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Potassium, dissolved (SW 6020),Selenium, dissolved (SW 6020),Sodium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Total organic carbon (SM 5310 B)	Amber Glass	1	H2SO4	

Comments: 2100795.18 N
7617358.75 E
Raw Conductivity: 1092 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	RRB	Date(s):	11-20-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Sunny			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Dip Cup		
Static Water Level (m-bmp):	0			Water Depth:	1		
Sample Time:	09:10	Sample ID:	RRB-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
09:10	8.22	0.49	0.63	977	5	6.54	17.2	88.9	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2104538.22 N
7615234.85 E
Raw Conductivity: 831 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client: Pacific Gas and Electric
Location ID: SW1
Date(s): 11-19-2025
Work Order(s): PGE_Topock_2025_Q4_V1_FINAL

Facility: Topock
Facility Location: 515 National Trails Hwy, Needles, CA 92363, US
Area: Default Site

Weather: Cloudy
Field Technician: Nara Tep

Replicate Type / Replicate ID: NA / NA
Sample Equipment: Dip Cup

Static Water Level (m-bmp): 0
Water Depth: 2

Sample Time: 12:15
Sample ID: SW1-Q425
Sample Method: Grab

Scope of Work Completed? Yes

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^e)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:15	8.19	0.48	0.62	961	5	7.86	17.3	99.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101306.29 N
7616723.81 E
Raw Conductivity: 820 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius

Client:	Pacific Gas and Electric	Location ID:	SW2	Date(s):	11-19-2025	Work Order(s):	PGE_Topock_2025_Q4_V1_FINAL
Facility:	Topock	Facility Location:	515 National Trails Hwy, Needles, CA 92363, US		Area:	Default Site	
Weather:	Cloudy			Field Technician:	Nara Tep		
Replicate Type / Replicate ID:	NA / NA			Sample Equipment:	Dip Cup		
Static Water Level (m-bmp):	0			Water Depth:	2		
Sample Time:	12:00	Sample ID:	SW2-Q425		Sample Method:	Grab	
Scope of Work Completed?	Yes						

Time	pH (standard units)	Salinity (ppt)	Total Dissolved Solids (g/L)	Specific Conductivity (µS/cm ^c)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:00	8.21	0.48	0.63	968	6	7.25	17.3	96.8	Clear	No Odor

Constituent Sampled	Container	Number	Preservative	Comments
Arsenic, dissolved (SW 6020),Chromium, total dissolved (SW 6020),Manganese, dissolved (SW 6020),Molybdenum, dissolved (SW 6020),Selenium, dissolved (SW 6020)	Plastic	1	HNO3	
Chromium, Hexavalent (EPA 218.6)	Plastic	1	(NH4)2SO4/NaOH	
Nitrate as N (EPA 300.0)	Plastic	1	None	

Comments: 2101075.42 N
7616906.14 E
Raw Conductivity: 824 us/cm

ft-bmp = feet below measuring point
in = inches
ft = feet
mL/min = milliliters per minute

uS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius