

|                                      |   |  |
|--------------------------------------|---|--|
| Date Started: 11/14/2019             | Surface Elevation: 467.92 ft amsl   | <b>Well ID: MW-94-30, MW-94-100</b>        |
| Date Completed: 01/14/2020           | Shallow Well Elevation: 468.39 ft amsl  |  |
| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation        | USCS Code | USCS Class | Well Construction   | Calculated Material Volumes  | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume                                      |
|------------|---|---------------------------|-----------|------------|---|------------------------------|---|
| 0          |   |                           |           |            | (+0.9 - 2.2') Surface completion  |                              | (+0.9 - 2.2') 18 bags<br>Note: 30" diameter concrete pad with 18" diameter lockable vault, King Kon-Crete 4000 PSI dyed Buff        |
| 1          |   |                           |           |            | (+0.5 - 10.0') 2" PVC Sch 80 Casing   |                              |   |
| 2          |   |                           |           |            | (2.5 - 3.5') Centralizer<br>(1.5 - 5.0') Portland Cement<br>5% Bentonite Type I, II and V with Hydrogel | (1.5 - 5.0')<br>16.1 gallons | (1.5 - 5.0') 15.5 gallons (96%)<br>Note: Type I, II and V and Benseal   |
| 3          |   |                           | NR        |            |   |                              |   |
| 4          |   |                           |           |            | (5.0 - 8.0') Cemex #60 Mesh (40x70) Lapis Lustre Sand   | (5.0 - 8.0')<br>4 bags       | (5.0 - 8.0') 19 bags (475%)<br>Note: Transition sand, used >20% of calculated volume due to potential voids forming during drilling |
| 5          |   | Topock - Fluvial Deposits | SW        |            |   |                              |   |
| 6          |   |                           |           |            |   |                              |   |
| 7          |   |                           |           |            |   |                              |   |
| 8          |   | Topock - Fluvial Deposits | SW        |            |   |                              |   |
| 9          | Groundwater VAS collection was not included in the drilling scope |                           |           |            |   |                              |   |
| 10         |   | Topock - Fluvial Deposits | SW        |            |   |                              |   |
| 11         |   |                           |           |            | (10.0 - 30.0') 2" 20-Slot Sch 80 PVC Screen   |                              |   |
| 12         |   |                           | SM        |            |   |                              |   |
| 13         |   |                           |           |            |   |                              |   |
| 14         |   |                           |           |            | (8.0 - 34.0') Cemex #3 Mesh (8x20) Lapis Lustre Sand  | (8.0 - 34.0')<br>26.2 bags   | (8.0 - 34.0') 32 bags (122%)<br>Note: Filter pack, used >20% of calculated volume due to potential voids forming during drilling    |
| 15         |   | Topock - Fluvial Deposits | SW        |            |   |                              |   |
| 16         |   |                           |           |            |   |                              |   |
| 17         |   |                           |           |            |   |                              |   |
| 18         |   |                           |           |            |   |                              |   |
| 19         |   |                           |           |            |   |                              |   |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: solid blue and hollow blue water table marks represent depth to water (ft. bgs.) measured post development for the shallow well and deep well respectively; installed in MW-94s

WELL CONSTRUCTION DETAILS\_PG&E\_TOPOCK C:\USERS\SMCGRANE\DOCUMENTS\PG&E\_TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ\_TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/29/20 14:30

|                                      |   |  |
|--------------------------------------|---|--|
| Date Started: 11/14/2019             | Surface Elevation: 467.92 ft amsl   | <b>Well ID: MW-94-30, MW-94-100</b>        |
| Date Completed: 01/14/2020           | Shallow Well Elevation: 468.39 ft amsl  |  |
| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation        | USCS Code | USCS Class | Well Construction   | Calculated Material Volumes    | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume  |   |                            |  |
|------------|---|---------------------------|-----------|------------|---|--------------------------------|---|---|----------------------------|--|
| 20         |   | Topock - Fluvial Deposits | SW        | [Pattern]  | (10.0 - 30.0')<br>2" 20-Slot Sch 80<br>PVC Screen                   |                                |   |   |                            |  |
| 21         |   |                           |           |            |   |                                | (+0.5 - 70.0')<br>2" PVC Sch 80<br>Casing   |   |                            |  |
| 22         |   |                           |           |            |   |                                |   |   |                            |  |
| 23         |   |                           |           |            |   |                                |   |   |                            |  |
| 24         |   |                           |           |            |   |                                |   |   |                            |  |
| 25         |   |                           |           |            |   |                                |   |   |                            |  |
| 26         |   |                           |           |            |   |                                |   |   |                            |  |
| 27         |   |                           |           |            |   |                                |   | (8.0 - 34.0')<br>Cemex #3 Mesh<br>(8x20) Lapis Lustre<br>Sand | (8.0 - 34.0')<br>26.2 bags | (8.0 - 34.0') 32 bags (122%)<br>Note: Filter pack, used >20% of<br>calculated volume due to potential<br>voids forming during drilling |
| 28         |   |                           |           |            |   |                                |   |   |                            |  |
| 29         | Groundwater VAS collection was not included in the drilling scope |                           |           |            |   |                                |   |   |                            |  |
| 30         |   | Topock - Fluvial Deposits | SM        | [Pattern]  | (7.0 - 105.0')<br>10.0" Borehole                                    |                                |   |   |                            |  |
| 31         |   |                           |           |            |   |                                | (30.5 - 31.5')<br>Centralizer   |   |                            |  |
| 32         |   |                           |           |            |   |                                | (30.0 - 32.3') Sump<br>and SS End Cap   |   |                            |  |
| 33         |   |                           |           |            |   |                                |   |   |                            |  |
| 34         |   |                           |           |            |   |                                |   |   |                            |  |
| 35         |   |                           |           |            |   |                                |   |   |                            |  |
| 36         |   |                           |           |            |   |                                |   |   |                            |  |
| 37         |   |                           |           |            | (34.0 - 63.0')<br>Bentonite seal<br>pellets Pel-Plug<br>(TR30) 3/8" | (34.0 - 63.0')<br>24.3 buckets | (34.0 - 63.0') 32 buckets (132%)<br>Note: Intermediate seal, used<br>>20% of calculated volume due to<br>potential voids forming during<br>drilling |   |                            |  |
| 38         |   |                           | NR        | [X]        |   |                                |   |   |                            |  |
| 39         |   |                           |           |            |   |                                |   |   |                            |  |

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|                                      |   |  |
|--------------------------------------|---|--|
| Date Started: 11/14/2019             | Surface Elevation: 467.92 ft amsl   | <b>Well ID: MW-94-30, MW-94-100</b>        |
| Date Completed: 01/14/2020           | Shallow Well Elevation: 468.39 ft amsl  |  |
| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation | USCS Code | USCS Class | Well Construction   | Calculated Material Volumes    | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume   |
|------------|---|--------------------|-----------|------------|---|--------------------------------|--|
| 40         |   |                    |           |            | (+0.5 - 70.0')<br>2" PVC Sch 80 Casing                        |                                |  |
| 41         |   |                    |           |            |   |                                |  |
| 42         |   |                    |           |            |   |                                |  |
| 43         |   |                    |           |            |   |                                |  |
| 44         |   |                    |           |            |   |                                |  |
| 45         |   |                    |           |            |   |                                |  |
| 46         |   |                    |           |            |   |                                |  |
| 47         |   |                    |           |            |   |                                |  |
| 48         |   |                    |           |            |   |                                |  |
| 49         | Groundwater VAS collection was not included in the drilling scope |                    | NR        |            | (34.0 - 63.0')<br>Bentonite seal pellets Pel-Plug (TR30) 3/8" | (34.0 - 63.0')<br>24.3 buckets | (34.0 - 63.0') 32 buckets (132%)<br>Note: Intermediate seal, used >20% of calculated volume due to potential voids forming during drilling |
| 50         |   |                    |           |            |   |                                |  |
| 51         |   |                    |           |            |   |                                |  |
| 52         |   |                    |           |            |   |                                |  |
| 53         |   |                    |           |            |   |                                |  |
| 54         |   |                    |           |            |   |                                |  |
| 55         |   |                    |           |            |   |                                |  |
| 56         |   |                    |           |            |   |                                |  |
| 57         |   |                    |           |            |   |                                |  |
| 58         |   |                    |           |            |   |                                |  |
| 59         |   |                    |           |            |   |                                |  |

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| Date Completed: 01/14/2020           | Shallow Well Elevation: 468.39 ft amsl  |  |
| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Well Construction   | Calculated Material Volumes    | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume   |
|------------|---|----------------------------|-----------|------------|---|--------------------------------|--|
| 60         |   |                            |           |            | (+0.5 - 70.0')<br>2" PVC Sch 80 Casing                        |                                |  |
| 61         |   |                            |           |            | (34.0 - 63.0')<br>Bentonite seal pellets Pel-Plug (TR30) 3/8" | (34.0 - 63.0')<br>24.3 buckets | (34.0 - 63.0') 32 buckets (132%)<br>Note: Intermediate seal, used >20% of calculated volume due to potential voids forming during drilling |
| 62         |   |                            |           |            |   |                                |  |
| 63         |   |                            | NR        |            | (62.5 - 63.5')<br>Centralizer                                 |                                |  |
| 64         |   |                            |           |            |   |                                |  |
| 65         |   |                            |           |            | (63.0 - 68.0')<br>Cemex #60 Mesh (40x70) Lapis Lustre Sand    | (63.0 - 68.0')<br>5.2 bags     | (63.0 - 68.0') 9 bags (173%)<br>Note: Transition sand, used >20% of calculated volume due to potential voids forming during drilling       |
| 66         |   |                            |           |            |   |                                |  |
| 67         |   |                            |           |            |   |                                |  |
| 68         |   |                            |           |            |   |                                |  |
| 69         | Groundwater VAS collection was not included in the drilling scope | Topock - Alluvium Deposits | SM        |            | (7.0 - 105.0')<br>10.0" Borehole                              |                                |  |
| 70         |   |                            |           |            |   |                                |  |
| 71         |   |                            |           |            | (70.0 - 100.0')<br>2" 20-Slot Sch 80 PVC Screen               |                                |  |
| 72         |   |                            |           |            |   |                                |  |
| 73         |   | Topock - Alluvium Deposits | SM        |            | (68.0 - 105.0')<br>Cemex #3 MESH (8x20) Lapis Lustre Sand     | (68.0 - 105.0')<br>38.9 bags   | (68.0 - 105.0') 53 bags (136%)<br>Note: Filter pack, used >20% of calculated volume due to potential voids forming during drilling         |
| 74         |   |                            |           |            |   |                                |  |
| 75         |   |                            |           |            |   |                                |  |
| 76         |   | Topock - Alluvium Deposits | SW-SM     |            |   |                                |  |
| 77         |   |                            |           |            |   |                                |  |
| 78         |   |                            |           |            |   |                                |  |
| 79         |   |                            |           |            |   |                                |  |

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| Date Completed: 01/14/2020           | Shallow Well Elevation: 468.39 ft amsl  |  |
| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Well Construction  | Calculated Material Volumes      | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume |
|------------|---|----------------------------|-----------|------------|--|----------------------------------|--|
| 80         |   | Topock - Alluvium Deposits | SM        |            | (70.0 - 100.0')<br>2" 20-Slot Sch 80<br>PVC Screen           |                                  |  |
| 81         |   |                            | SM        |            |  |                                  |  |
| 82         |   | Topock - Alluvium Deposits | SW-SM     |            |  |                                  |  |
| 83         |   |                            |           |            |  |                                  |  |
| 84         |   | Topock - Alluvium Deposits | SM        |            | (68.0 - 105.0')<br>Cemex #3 MESH<br>(8x20) Lapis Lustre Sand | (7.0 - 105.0')<br>10.0" Borehole | (68.0 - 105.0')<br>38.9 bags   |
| 85         |   |                            |           |            |  |                                  |  |
| 86         |   | Topock - Alluvium Deposits | SM        |            |  |                                  |  |
| 87         |   |                            |           |            |  |                                  |  |
| 88         |   | Topock - Alluvium Deposits | SW-SM     |            |  |                                  |  |
| 89         | Groundwater VAS collection was not included in the drilling scope |                            |           |            |  |                                  |  |
| 90         |   | Topock - Alluvium Deposits | SM        |            |  |                                  |  |
| 91         |   |                            |           |            |  |                                  |  |
| 92         |   | Topock - Alluvium Deposits | SW-SM     |            |  |                                  |  |
| 93         |   |                            |           |            |  |                                  |  |
| 94         |   | Topock - Alluvium Deposits | SM        |            |  |                                  |  |
| 95         |   |                            |           |            |  |                                  |  |
| 96         |   | Topock - Alluvium Deposits | SM        |            |  |                                  |  |
| 97         |   |                            |           |            |  |                                  |  |
| 98         |   | Topock - Alluvium Deposits | SM        |            |  |                                  |  |
| 99         |   |                            |           |            |  |                                  |  |

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| Drilling Co.: Cascade                | Deep Well Elevation: 468.41 ft amsl   | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Northing (NAD83): 2103896.02  | Project: Final GW Remedy Phase 1           |
| Driller Name: Jose Hernandez         | Easting (NAD83): 7620107.29   | Location: PG&E Topock, Needles, California |
| Drilling Asst: L. Amaya / P. Almanza | Borehole Diameter: 10-12 inches   |  |
| Logger: Chris Bonessi                | Static Water Level: See Log for Depths  | Project Number: RC000753.0051              |
| Editor: Sean McGrane                 | Development End Date: 12/7/2019   |  |
| Total Depth: 105 ft bgs              | Well Completion: <input type="checkbox"/> Flush <input checked="" type="checkbox"/> Stick-up <input type="checkbox"/> To Be Completed in Well Vault |  |

| Depth (ft) | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Well Construction  | Calculated Material Volumes | Material Volumes Installed<br>Note: percentages are the actual volume vs the calculated volume                                     |
|------------|---|----------------------------|-----------|------------|--|-----------------------------|--|
| 100        | Groundwater VAS collection was not included in the drilling scope | Topock - Alluvium Deposits | SM        |            | <p>(7.0 - 105.0') 10.0" Borehole</p> <p>(100.5 - 101.5') Centralizer</p> <p>(68.0 - 105.0') Cemex #3 MESH (8x20) Lapis Lustre Sand</p> <p>(100.0 - 102.3') Sump and SS End Cap</p> | (68.0 - 105.0') 38.9 bags   | (68.0 - 105.0') 53 bags (136%)<br>Note: Filter pack, used >20% of calculated volume due to potential voids forming during drilling |
| 101        |   | Topock - Alluvium Deposits | SW-SM     |            |  |                             |  |
| 102        |   | Topock - Alluvium Deposits | SM        |            |  |                             |  |
| 103        |   |                            |           |            |  |                             |  |
| 104        |   |                            |           |            |  |                             |  |
| 105        |   |                            |           |            | End of Boring at 105.0 ft bgs.   |                             |  |
| 106        |   |                            |           |            |  |                             |  |
| 107        |   |                            |           |            |  |                             |  |
| 108        |   |                            |           |            |  |                             |  |
| 109        |   |                            |           |            |  |                             |  |
| 110        |   |                            |           |            |  |                             |  |
| 111        |   |                            |           |            |  |                             |  |
| 112        |   |                            |           |            |  |                             |  |
| 113        |   |                            |           |            |  |                             |  |
| 114        |   |                            |           |            |  |                             |  |
| 115        |   |                            |           |            |  |                             |  |
| 116        |   |                            |           |            |  |                             |  |
| 117        |   |                            |           |            |  |                             |  |
| 118        |   |                            |           |            |  |                             |  |
| 119        |   |                            |           |            |  |                             |  |

Final 12/30/20

WELL CONSTRUCTION DETAILS\_PG&E\_TOPOCK\_C:\USERS\MCGRANE\DOCUMENTS\PG&E\_TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ\_TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:30

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|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 11/12/2019             | Surface Elevation: 467.92 ft amsl  | <b>Boring No.: MW-94s</b>                  |
| Date Completed: 11/14/2019           | Northing (NAD83): 2103896.02   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620107.29  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 105 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 10-12 inches  | Location: PG&E Topock, Needles, California |
| Driller Name: Jose Hernandez         | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 8 inch x 10 ft Core Barrel  |  |
| Logger: Chris Bonessi                | Sampling Interval: Screen Intervals  |  |
| Editor: Sean McGrane                 | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation        | USCS Code | USCS Class | Soil Description  | Drilling Notes              | Drilling Fluid              |
|------------|---------------|-----------------------------|---|---------------------------|-----------|------------|---|-----------------------------|-----------------------------|
| 1          | 0             |                             |   |                           | NR        |            | (0.0 - 7.0') No recovery (NR); Core not collected or logged, see MW-94d boring log for lithologic description.  | (0.0 - 7.0') Hard drilling  | (0.0 - 17.0') No water used |
| 2          |               |                             |   |                           |           |            |   |                             |                             |
| 3          |               |                             |   |                           |           |            |   |                             |                             |
| 4          |               |                             |   |                           |           |            |   |                             |                             |
| 5          |               |                             |   |                           |           |            |   |                             |                             |
| 6          |               |                             |   |                           |           |            |   |                             |                             |
| 7          |               |                             |   |                           |           |            |   |                             |                             |
| 8          | 120           | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Fluvial Deposits | SW        |            | (7.0 - 8.0') Topock - Fluvial Deposits; Well graded sand with gravel (SW); yellowish brown / moderate yellowish brown (10YR 5/4); very fine grained to very coarse grained, angular to round; little granules to very large pebbles, angular to subround; little silt; trace clay; trace mica; dry; coarser clast mixed lithology   | (7.0 - 17.0') Soft drilling |                             |
| 9          |               |                             |   | Topock - Fluvial Deposits | SW        |            | (8.0 - 10.0') Topock - Fluvial Deposits; Well graded sand with gravel (SW); dark yellowish brown (10YR 4/4); very fine grained to very coarse grained, angular to round; some granules to very large pebbles, subangular to subround; trace silt; trace clay; little mica; moist; coarser clast mixed lithology   |                             |                             |
| 10         |               |                             |   | Topock - Fluvial Deposits | SM        |            | (10.0 - 12.0') Topock - Fluvial Deposits; Silty sand (SM); brown (10YR 4/3); very fine grained to very coarse grained, angular to round; little granules to very large pebbles, angular to subround; little silt; trace clay; wet; coarser clast composed of mixed lithology  |                             |                             |
| 11         | 60            |                             |   | Topock - Fluvial Deposits | SW        |            | (12.0 - 30.0') Topock - Fluvial Deposits; Well graded sand with gravel (SW); dark yellowish brown (10YR 4/4); medium grained to very coarse grained, angular to round; some granules to very large pebbles, subangular to subround; little small to large cobbles, subround to round; little very fine to medium grained sand, subangular to subround; trace silt; trace mica; wet; coarser clast mixed lithology |                             |                             |
| 12         |               |                             |   |                           |           |            |   |                             |                             |
| 13         |               |                             |   |                           |           |            |   |                             |                             |
| 14         |               |                             |   |                           |           |            |   |                             |                             |
| 15         | 120           |                             |   | Topock - Fluvial Deposits | SW        |            | (15.0 - 17.0'); increase in cobbles   |                             |                             |
| 16         |               |                             |   |                           |           |            |   |                             |                             |
| 17         |               |                             |   |                           |           |            |   |                             |                             |
| 18         |               |                             |   |                           |           |            |   |                             |                             |
| 19         |               |                             |   |                           |           |            |   |                             |                             |
| 20         |               |                             |   |                           |           |            |   |                             |                             |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

SOIL BORING LOG: PG&E-TOPOCK C:\USERS\SMCGRANE\DOCUMENTS\PG&E-TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATA TEMPLATE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GPJ 12/30/20 14:20

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 11/12/2019             | Surface Elevation: 467.92 ft amsl  | <b>Boring No.: MW-94s</b>                  |
| Date Completed: 11/14/2019           | Northing (NAD83): 2103896.02   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620107.29  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 105 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 10-12 inches  | Location: PG&E Topock, Needles, California |
| Driller Name: Jose Hernandez         | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 8 inch x 10 ft Core Barrel  |  |
| Logger: Chris Bonessi                | Sampling Interval: Screen Intervals  |  |
| Editor: Sean McGrane                 | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID | Groundwater Sample ID | Geologic Formation        | USCS Code | USCS Class | Soil Description   | Drilling Notes | Drilling Fluid                  |
|------------|---------------|-----------------|-----------------------|---------------------------|-----------|------------|--|----------------|---------------------------------|
| 21         | 120           |                 |                       | Topock - Fluvial Deposits | SW        |            | (20') coarse grained to very coarse grained; trace silt; decrease in sand, increase in granules and pebbles  |                |                                 |
| 22         |               |                 |                       |                           |           |            |  |                |                                 |
| 23         |               |                 |                       |                           |           |            |  |                |                                 |
| 24         |               |                 |                       |                           |           |            |  |                |                                 |
| 25         |               |                 |                       |                           |           |            |  |                |                                 |
| 26         | 120           |                 |                       | Topock - Fluvial Deposits | SM        |            | (25'); and granules to very large pebbles, subangular to round; decrease in sand   |                |                                 |
| 27         |               |                 |                       |                           |           |            |  |                |                                 |
| 28         |               |                 |                       |                           |           |            |  |                |                                 |
| 29         |               |                 |                       |                           |           |            |  |                |                                 |
| 30         |               |                 |                       |                           |           |            |  |                |                                 |
| 31         | 0             |                 |                       | Topock - Fluvial Deposits | NR        |            | (27'); some granules to very large pebbles, subangular to round; increase in sand  |                | (27.0 - 47.0')<br>No water used |
| 32         |               |                 |                       |                           |           |            |  |                |                                 |
| 33         |               |                 |                       |                           |           |            |  |                |                                 |
| 34         |               |                 |                       |                           |           |            |  |                |                                 |
| 35         |               |                 |                       |                           |           |            |  |                |                                 |
| 36         | 0             |                 |                       | Topock - Fluvial Deposits | NR        |            | (30.0 - 37.0') Topock - Fluvial Deposits; Silty sand (SM); yellowish brown / moderate yellowish brown (10YR 5/4); very fine grained to fine grained, subangular to subround; wet; lensed |                |                                 |
| 37         |               |                 |                       |                           |           |            |  |                |                                 |
| 38         |               |                 |                       |                           |           |            |  |                |                                 |
| 39         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 37         | 0             |                 |                       | Topock - Fluvial Deposits | NR        |            | (31') brown (10YR 5/3); very fine grained to medium grained, angular to subround; trace mica   |                |                                 |
| 38         |               |                 |                       |                           |           |            |  |                |                                 |
| 39         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 37         | 0             |                 |                       | Topock - Fluvial Deposits | NR        |            | (35') yellowish brown / moderate yellowish brown (10YR 5/4); very fine grained to fine grained, subangular to subround; lensed; increase silt, silt in seams, decrease in sand           |                |                                 |
| 38         |               |                 |                       |                           |           |            |  |                |                                 |
| 39         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 37         | 0             |                 |                       | Topock - Fluvial Deposits | NR        |            | (37.0 - 67.0') No recovery (NR); Core not collected or logged, see MW-94d boring log for lithologic description.   |                |                                 |
| 38         |               |                 |                       |                           |           |            |  |                |                                 |
| 39         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |
| 40         |               |                 |                       |                           |           |            |  |                |                                 |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

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|                  |                       |                       |   |                           |                                     |
|------------------|-----------------------|-----------------------|---|---------------------------|-------------------------------------|
| Date Started:    | 11/12/2019            | Surface Elevation:    | 467.92 ft amsl  | <b>Boring No.: MW-94s</b> |                                     |
| Date Completed:  | 11/14/2019            | Northing (NAD83):     | 2103896.02  |                           |                                     |
| Drilling Co.:    | Cascade               | Easting (NAD83):      | 7620107.29  | Client:                   | PG&E                                |
| Drilling Method: | Sonic Drilling        | Total Depth:          | 105 ft bgs  | Project:                  | Final GW Remedy Phase 1             |
| Drill Rig Type:  | Prosonic Truck Mount  | Borehole Diameter:    | 10-12 inches  | Location:                 | PG&E Topock, Needles,<br>California |
| Driller Name:    | Jose Hernandez        | Depth to First Water: | 10.6 ft bgs   | Project Number:           | RC000753.0051                       |
| Drilling Asst:   | L. Amaya / P. Almanza | Sampling Method:      | 8 inch x 10 ft Core Barrel  | Sampling Interval:        | Screen Intervals                    |
| Logger:          | Chris Bonessi         | Converted to Well:    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |                                     |
| Editor:          | Sean McGrane          |                       |   |                           |                                     |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation | USCS Code | USCS Class | Soil Description | Drilling Notes   | Drilling Fluid   |
|------------|---------------|-----------------------------|---|--------------------|-----------|------------|------------------|--|--|
| 41         |               |                             |   |                    |           |            |                  |  |  |
| 42         |               |                             |   |                    |           |            |                  |  |  |
| 43         |               |                             |   |                    |           |            |                  |  |  |
| 44         | 0             |                             |   |                    |           |            |                  |  |  |
| 45         |               |                             |   |                    |           |            |                  |  |  |
| 46         |               |                             |   |                    |           |            |                  |  |  |
| 47         |               |                             |   |                    |           |            |                  |  |  |
| 48         |               |                             |   |                    |           |            |                  |  | (47.0 - 57.0')<br>5 gallons of water used; 0 gallons of water recovered; 5 gallons of water lost |
| 49         |               |                             |   |                    |           |            |                  |  |  |
| 50         |               | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope |                    | NR        |            |                  |  |  |
| 51         |               |                             |   |                    |           |            |                  |  |  |
| 52         | 0             |                             |   |                    |           |            |                  |  |  |
| 53         |               |                             |   |                    |           |            |                  |  |  |
| 54         |               |                             |   |                    |           |            |                  |  |  |
| 55         |               |                             |   |                    |           |            |                  |  |  |
| 56         |               |                             |   |                    |           |            |                  |  |  |
| 57         |               |                             |   |                    |           |            |                  |  |  |
| 58         |               |                             |   |                    |           |            |                  |  | (57.0 - 77.0')<br>No water used  |
| 59         | 0             |                             |   |                    |           |            |                  | (58.0 - 60.0')<br>Encountered larger boulder stopped drilling and clean out. |  |
| 60         |               |                             |   |                    |           |            |                  |  |  |

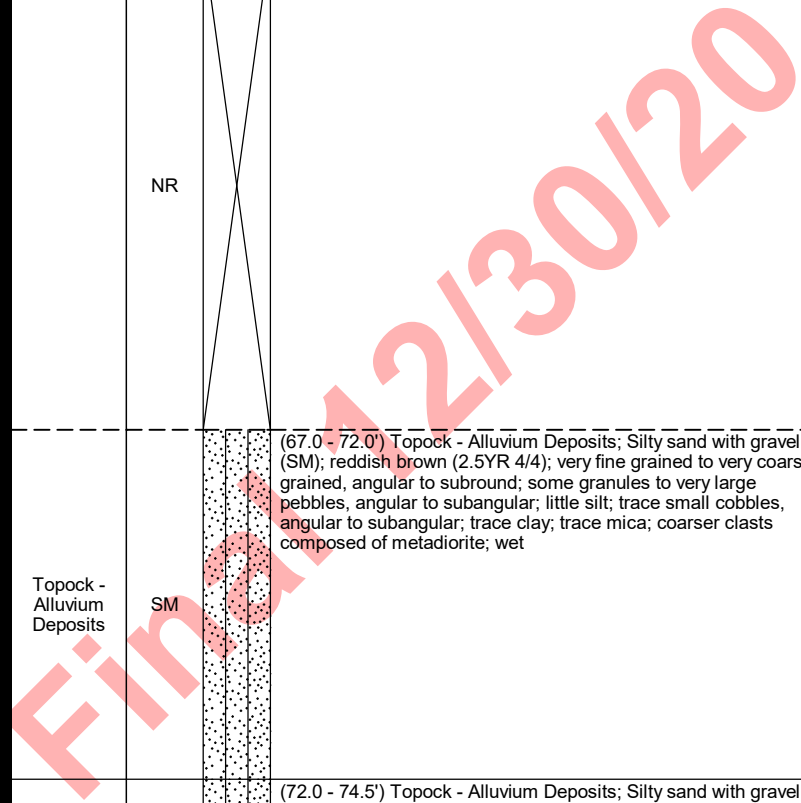
Final 12/30/20

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\MCGRANE\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:20

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 11/12/2019             | Surface Elevation: 467.92 ft amsl  | <b>Boring No.: MW-94s</b>                  |
| Date Completed: 11/14/2019           | Northing (NAD83): 2103896.02   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620107.29  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 105 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 10-12 inches  | Location: PG&E Topock, Needles, California |
| Driller Name: Jose Hernandez         | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 8 inch x 10 ft Core Barrel  |  |
| Logger: Chris Bonessi                | Sampling Interval: Screen Intervals  |  |
| Editor: Sean McGrane                 | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Soil Description  | Drilling Notes | Drilling Fluid   |
|------------|---------------|-----------------------------|---|----------------------------|-----------|------------|---|----------------|--|
| 61         | 0             |                             |   |                            | NR        |            |   |                |  |
| 62         |               |                             |   |                            |           |            |   |                |  |
| 63         |               |                             |   |                            |           |            |   |                |  |
| 64         |               |                             |   |                            |           |            |   |                |  |
| 65         | 120           | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Alluvium Deposits | SM        |            | (67.0 - 72.0') Topock - Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet  |                |  |
| 66         |               |                             |   |                            |           |            |   |                |  |
| 67         |               |                             |   |                            |           |            |   |                |  |
| 68         |               |                             |   |                            |           |            |   |                |  |
| 69         |               |                             |   |                            |           |            |   |                |  |
| 70         |               |                             |   |                            |           |            |   |                |  |
| 71         |               |                             |   |                            |           |            |   |                |  |
| 72         |               |                             |   |                            |           |            |   |                |  |
| 73         |               |                             |   |                            |           |            |   |                |  |
| 74         |               |                             |   |                            |           |            |   |                |  |
| 75         |               |                             |   |                            |           |            |   |                |  |
| 76         |               |                             |   |                            |           |            |   |                |  |
| 77         | 84            |                             |   | Topock - Alluvium Deposits | SW-SM     |            | (74.5 - 79.0') Topock - Alluvium Deposits; Well graded sand with gravel (SW-SM); reddish brown (2.5YR 4/4); very fine grained to medium grained, angular to subround; some granules to very large pebbles, angular to subangular; little coarse to very coarse grained sand, angular to subangular; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet |                |  |
| 78         |               |                             |   |                            |           |            |   |                |  |
| 79         |               |                             |   |                            |           |            |   |                |  |
| 80         |               |                             |   |                            |           |            |   |                |  |
| 80         |               |                             |   | Topock - Alluvium Deposits | SM        |            | (79.0 - 84.0') Topock - Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to medium grained, angular to subround; some silt; little granules to very   |                | (77.0 - 87.0')<br>10 gallons of water used; 0 gallons of water recovered; 10 gallons of water lost |



Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

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|                  |                       |                       |   |                           |                                     |
|------------------|-----------------------|-----------------------|---|---------------------------|-------------------------------------|
| Date Started:    | 11/12/2019            | Surface Elevation:    | 467.92 ft amsl  | <b>Boring No.: MW-94s</b> |                                     |
| Date Completed:  | 11/14/2019            | Northing (NAD83):     | 2103896.02  |                           |                                     |
| Drilling Co.:    | Cascade               | Easting (NAD83):      | 7620107.29  | Client:                   | PG&E                                |
| Drilling Method: | Sonic Drilling        | Total Depth:          | 105 ft bgs  | Project:                  | Final GW Remedy Phase 1             |
| Drill Rig Type:  | Prosonic Truck Mount  | Borehole Diameter:    | 10-12 inches  | Location:                 | PG&E Topock, Needles,<br>California |
| Driller Name:    | Jose Hernandez        | Depth to First Water: | 10.6 ft bgs   | Project Number:           | RC000753.0051                       |
| Drilling Asst:   | L. Amaya / P. Almanza | Sampling Method:      | 8 inch x 10 ft Core Barrel  |                           |                                     |
| Logger:          | Chris Bonessi         | Sampling Interval:    | Screen Intervals  |                           |                                     |
| Editor:          | Sean McGrane          | Converted to Well:    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |                                     |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Soil Description   | Drilling Notes                  | Drilling Fluid |  |  |
|------------|---------------|-----------------------------|---|----------------------------|-----------|------------|--|---------------------------------|----------------|--|--|
| 81         |               |                             |   | Topock - Alluvium Deposits | SM        |            | large pebbles, angular to subangular; trace clay; coarser clasts composed of metadiorite; wet  |                                 |                |  |  |
| 82         | 84            |                             |   |                            |           |            |  |                                 |                |  |  |
| 83         |               |                             |   | Topock - Alluvium Deposits | SW-SM     |            | (84.0 - 89.0') Topock - Alluvium Deposits; Well graded sand with gravel (SW-SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet; likely disturbed due to short run, silt and clay percentage likely biased low | (84.0 - 87.0')<br>Heaving sands |                |  |  |
| 84         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 85         | 36            |                             |   |                            |           |            |  |                                 |                |  |  |
| 86         |               |                             |   | Topock - Alluvium Deposits | SM        |            | (89.0 - 93.0') Topock - Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet   |                                 |                |  |  |
| 87         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 88         |               |                             |   | Topock - Alluvium Deposits | SW-SM     |            | (93.0 - 95.0') Topock - Alluvium Deposits; Silty sand with gravel (SW-SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; and granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace mica; wet   |                                 |                |  |  |
| 89         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 90         |               | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Alluvium Deposits | SM        |            | (95.0 - 100.0') Topock - Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet  |                                 |                |  |  |
| 91         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 92         | 120           |                             |   | Topock - Alluvium Deposits | SM        |            | (97'); little silt; decrease in sand   |                                 |                |  |  |
| 93         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 94         |               |                             |   | Topock - Alluvium Deposits | SM        |            |  |                                 |                |  |  |
| 95         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 96         |               |                             |   | Topock - Alluvium Deposits | SM        |            |  |                                 |                |  |  |
| 97         | 36            |                             |   |                            |           |            |  |                                 |                | (98.0')<br>Encountered rock stopped run short. |  |
| 98         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 99         |               |                             |   |                            |           |            |  |                                 |                |  |  |
| 100        |               |                             |   |                            |           |            |  |                                 |                |  |  |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

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|                  |                       |                       |   |                           |                                     |
|------------------|-----------------------|-----------------------|---|---------------------------|-------------------------------------|
| Date Started:    | 11/12/2019            | Surface Elevation:    | 467.92 ft amsl  | <b>Boring No.: MW-94s</b> |                                     |
| Date Completed:  | 11/14/2019            | Northing (NAD83):     | 2103896.02  |                           |                                     |
| Drilling Co.:    | Cascade               | Easting (NAD83):      | 7620107.29  | Client:                   | PG&E                                |
| Drilling Method: | Sonic Drilling        | Total Depth:          | 105 ft bgs  | Project:                  | Final GW Remedy Phase 1             |
| Drill Rig Type:  | Prosonic Truck Mount  | Borehole Diameter:    | 10-12 inches  | Location:                 | PG&E Topock, Needles,<br>California |
| Driller Name:    | Jose Hernandez        | Depth to First Water: | 10.6 ft bgs   | Project Number:           | RC000753.0051                       |
| Drilling Asst:   | L. Amaya / P. Almanza | Sampling Method:      | 8 inch x 10 ft Core Barrel  | Sampling Interval:        | Screen Intervals                    |
| Logger:          | Chris Bonessi         | Converted to Well:    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |                                     |
| Editor:          | Sean McGrane          |                       |   |                           |                                     |

| Depth (ft)                     | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation         | USCS Code | USCS Class | Soil Description   | Drilling Notes                               | Drilling Fluid  |
|--------------------------------|---------------|-----------------------------|---|----------------------------|-----------|------------|--|--|---|
| 101                            | 60            | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Alluvium Deposits | SW-SM     |            | (100.0 - 103.0') Topock - Alluvium Deposits; Well graded sand with silt and gravel (SW-SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace small cobbles, angular to subangular; trace mica; coarser clasts composed of metadiorite; wet; likely disturbed due to short run, silt percentage likely biased low |  |   |
| 102                            |               |                             |   | Topock - Alluvium Deposits | SM        |            | (103.0 - 105.0') Topock - Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, round; some granules to very large pebbles, angular to subangular; some silt; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet   | (103.0') Water used to was flush out casing. | (103.0') 500 gallons of water used; 0 gallons of water recovered; 500 gallons of water lost |
| 103                            |               |                             |   |                            |           |            |  |  |   |
| 104                            |               |                             |   |                            |           |            |  |  |   |
| 105                            |               |                             |   |                            |           |            |  |  |   |
| End of Boring at 105.0 ft bgs. |               |                             |   |                            |           |            |  |  |   |

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:20

Final 12/30/20

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling of the MW-94d; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-30, MW-94-100 installed in borehole

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation        | USCS Code | USCS Class | Soil Description  | Drilling Notes  | Drilling Fluid  |
|------------|---------------|-----------------------------|---|---------------------------|-----------|------------|---|---|---|
| 1          | 84            |                             |   | Topock - Fluvial Deposits | SW        |            | (0.0 - 7.0') Topock - Fluvial Deposits; Well graded sand with gravel (SW); brown (7.5YR 4/4); very fine grained to very coarse grained, angular to round; some granules to very large pebbles, subangular to round; little small cobbles, angular to subangular; trace silt; dry; coarser clast composed of mixed lithology                             | (0.0 - 7.0') Soft drilling  | (0.0 - 12.0') No water used   |
| 2          |               |                             |   |                           |           |            |   |   |   |
| 3          |               |                             |   |                           |           |            |   |   |   |
| 4          |               |                             |   |                           |           |            |   |   |   |
| 5          |               |                             |   |                           |           |            |   |   |   |
| 6          |               |                             |   |                           |           |            |   |   |   |
| 7          |               |                             |   |                           |           |            |   |   |   |
| 8          | 72            | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Fluvial Deposits | SW-SC     |            | (7.0 - 8.0') Topock - Fluvial Deposits; Well graded sand with clay and gravel (SW-SC); brown (7.5YR 5/4); very fine grained to very coarse grained, angular to round; little granules to very large pebbles, angular to subround; little clay; trace silt; trace mica; moist; coarser clast mixed lithology   | (7.0 - 17.0') Soft drilling, loss of recovery due to sands falling out of core barrel, 9.5 to 13 disturbed.   |   |
| 9          |               |                             |   | Topock - Fluvial Deposits | SC        |            | (8.0 - 9.5') Topock - Fluvial Deposits; Clayey sand with gravel (SC); yellowish brown (10YR 5/6); very fine grained to very coarse grained, angular to round; little granules to large pebbles, subangular to subround; little small cobbles, subround; little clay; trace silt; mica; moist; coarser clast mixed lithology                             |   |   |
| 10         |               |                             |   | Topock - Fluvial Deposits | SM        |            | (9.5 - 10.0') Topock - Fluvial Deposits; Silty sand (SM); brown (7.5YR 5/3); very fine grained to very coarse grained, angular to round; little silt; trace granules to very large pebbles, angular to subround; trace small cobbles, subround; moist; coarser clast composed of mixed lithology  |   |   |
| 11         |               |                             |   | Topock - Fluvial Deposits | SW        |            | (10.0 - 13.0') Topock - Fluvial Deposits; Well graded sand (SW); yellowish brown / moderate yellowish brown (10YR 5/4); very fine grained to very coarse grained, angular to round; little granules to medium pebbles, subangular to subround; trace silt; trace clay; little mica; wet; sands composed of mostly quartz, coarser clast mixed lithology |   |   |
| 12         | NR            |                             |   |                           | NR        |            | (13.0 - 17.0') No recovery (NR); lost core downhole could not retrieve  | (12.0 - 17.0') Set temp well to determine static depth to water. Water had to be used to set temp well due to heaving sands on 10/31/19. Water level collected on 11/1/19 after letting water levels equilibrate. | (12.0 - 17.0') 100 gallons of water used; 0 gallons of water recovered; 100 gallons of water lost |
| 13         |               |                             |   |                           |           |            |   |   |   |
| 14         |               |                             |   |                           |           |            |   |   |   |
| 15         |               |                             |   |                           |           |            |   |   |   |
| 16         |               |                             |   |                           |           |            |   |   |   |
| 17         | 120           |                             |   | Topock - Fluvial Deposits | GW        |            | (17.0 - 29.0') Topock - Fluvial Deposits; Well graded gravel with sand (GW); yellowish brown / moderate yellowish brown (10YR 5/4); granules to small cobbles, subangular to round; some fine to very coarse grained sand, angular to subround; trace silt; trace mica; wet; coarser clast composed of basalt, granite, metadiorite, quartz             | (17.0 - 57.0') Normal drilling  | (17.0 - 207.0') No water used   |
| 18         |               |                             |   |                           |           |            |   |   |   |
| 19         |               |                             |   |                           |           |            |   |   |   |
| 20         |               |                             |   |                           |           |            |   |   |   |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM/ GJ / RC             | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation        | USCS Code | USCS Class | Soil Description  | Drilling Notes | Drilling Fluid |
|------------|---------------|-----------------------------|---|---------------------------|-----------|------------|---|----------------|----------------|
| 21         | 120           |                             |   | Topock - Fluvial Deposits | GW        |            |   |                |                |
| 22         |               |                             |   |                           |           |            |   |                |                |
| 23         |               |                             |   |                           |           |            |   |                |                |
| 24         |               |                             |   |                           |           |            |   |                |                |
| 25         |               |                             |   |                           |           |            |   |                |                |
| 26         |               |                             |   |                           |           |            |   |                |                |
| 27         | 120           | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Fluvial Deposits | SW-SM     |            | (29.0 - 29.5') Topock - Fluvial Deposits; Well graded sand with silt (SW-SM); yellowish brown / moderate yellowish brown (10YR 5/4); very fine grained to very coarse grained, angular to subround; little silt; trace granules to small pebbles, subround to round; trace small cobbles, subround; trace mica; coarser clasts composed of metadiorite; wet |                |                |
| 28         |               |                             |   |                           |           |            |   |                |                |
| 29         |               |                             |   |                           |           |            |   |                |                |
| 30         |               |                             |   |                           |           |            |   |                |                |
| 31         |               |                             |   |                           |           |            |   |                |                |
| 32         |               |                             |   |                           |           |            |   |                |                |
| 33         |               |                             |   |                           |           |            |   |                |                |
| 34         |               |                             |   |                           |           |            |   |                |                |
| 35         |               |                             |   |                           |           |            |   |                |                |
| 36         |               |                             |   |                           |           |            |   |                |                |
| 37         |               |                             |   |                           |           |            |   |                |                |
| 38         |               |                             |   |                           |           |            |   |                |                |
| 39         |               |                             |   |                           |           |            |   |                |                |
| 40         |               |                             |   |                           |           |            |   |                |                |
| 40         |               |                             |   |                           |           |            |   |                |                |

FINAL 12/30/20

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E-TOPOCK-C:\USERS\SSM\GRAND\DOCUMENTS\PG&E-TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in)             | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation   | USCS Code | USCS Class | Soil Description   | Drilling Notes   | Drilling Fluid |
|------------|---------------------------|-----------------------------|---|--|-----------|------------|--|--|----------------|
| 41         | 120                       |                             |   | Topock - Fluvial Deposits  | SM        |            | (41') very fine grained; and silt; decrease in sand  |  |                |
| 42         |                           |                             |   |  |           |            | (42.5') very fine grained to fine grained; some silt; increase in sand   |  |                |
| 43         |                           |                             |   |  |           |            | (43.5') very fine grained; and silt; decrease in sand  |  |                |
| 44         |                           |                             |   |  |           |            | (44.5') very fine grained to fine grained; some silt; increase in sand   |  |                |
| 45         | 120                       | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Fluvial Deposits  | SP        |            | (46.5 - 49.5') Topock - Fluvial Deposits; Poorly graded sand (SP); brown (10YR 5/3); very fine grained to fine grained, subangular to round; trace silt; little mica; wet; trace medium sand   |  |                |
| 46         |                           |                             |   |  |           |            |  |  |                |
| 47         |                           |                             |   |  |           |            |  |  |                |
| 48         |                           |                             |   |  |           |            |  |  |                |
| 49         |                           |                             |   |  |           |            |  |  |                |
| 50         |                           |                             |   |  |           |            |  |  |                |
| 51         |                           |                             |   |  |           |            |  |  |                |
| 52         | 102                       |                             |   | Topock - Fluvial Deposits  | SW        |            | (49.5 - 50.5') Topock - Fluvial Deposits; Silty sand (SM); brown (10YR 5/3); very fine grained to fine grained, subangular to round; some silt; trace clay; little mica; wet   |  |                |
| 53         |                           |                             |   |  |           |            | (50.5 - 51.0') Topock - Fluvial Deposits; Sandy silt (ML); brown (7.5YR 4/4); no plasticity; some very fine grained sand, subround; little clay; trace mica; moist to wet; medium stiff  |  |                |
| 54         |                           |                             |   |  |           |            | (51.0 - 53.0') Topock - Fluvial Deposits; Well graded sand with gravel (SW); brown (10YR 5/3); very fine grained to very coarse grained, subangular to subround; some granules to very large pebbles, subround to round; trace silt; trace mica; coarser clasts composed of metadiorite; wet |  |                |
| 55         |                           |                             |   |  |           |            | (52') increase in granules and pebbles, decrease in sand   |  |                |
| 56         | 102                       |                             |   | Topock - Fluvial Deposits  | SP-SM     |            | (53.0 - 56.0') Topock - Fluvial Deposits; Poorly graded sand with silt (SP-SM); brown (10YR 5/3); very fine grained to medium grained, subangular to subround; little silt; little mica; wet; iron oxide staining  |  |                |
| 57         |                           |                             |   |  |           |            |  |  |                |
| 58         |                           |                             |   |  |           |            |  |  |                |
| 59         |                           |                             |   |  |           |            |  |  |                |
| 60         |                           |                             |   | Topock - Fluvial Deposits  | MH        |            | (57.0 - 57.5') Topock - Fluvial Deposits; Elastic silt with sand (MH); brown (7.5YR 5/3); high plasticity; little very fine to fine grained sand, subround to round; little clay; trace mica; moist; stiff   | (57.0 - 67.0') Drilling was slightly rougher than previous runs. |                |
| 58         | Topock - Fluvial Deposits | SC                          |   | (57.5 - 59.3') Topock - Fluvial Deposits; Clayey sand with gravel (SC); brown (10YR 4/3); very fine grained to very coarse grained, angular to round; some granules to very large pebbles, subangular to subround; little clay; trace small cobbles, subround; trace silt; trace mica; coarser clasts composed of metadiorite; wet |           |            |  |  |                |
| 59         | Topock - Fluvial Deposits | SW-SC                       |   | (59.3 - 61.0') Topock - Fluvial Deposits; Well graded sand with clay and gravel (SW-SC); pale brown (10YR 6/3); very fine grained  |           |            |  |  |                |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E-TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E-TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                  |                       |                       |   |                           |                                  |
|------------------|-----------------------|-----------------------|---|---------------------------|----------------------------------|
| Date Started:    | 10/31/2019            | Surface Elevation:    | 467.61 ft amsl  | <b>Boring No.: MW-94d</b> |                                  |
| Date Completed:  | 11/02/2019            | Northing (NAD83):     | 2103892.87  |                           |                                  |
| Drilling Co.:    | Cascade               | Easting (NAD83):      | 7620097.91  | Client:                   | PG&E                             |
| Drilling Method: | Sonic Drilling        | Total Depth:          | 207 ft bgs  | Project:                  | Final GW Remedy Phase 1          |
| Drill Rig Type:  | Prosonic Truck Mount  | Borehole Diameter:    | 6-10 inches   | Location:                 | PG&E Topock, Needles, California |
| Driller Name:    | S. Vasquez / E. Ramos | Depth to First Water: | 10.6 ft bgs   | Project Number:           | RC000753.0051                    |
| Drilling Asst:   | L. Amaya / P. Almanza | Sampling Method:      | 4 inch x 10 ft Core Barrel  |                           |                                  |
| Logger:          | JL / SM / GJ / RC     | Sampling Interval:    | Continuous  |                           |                                  |
| Editor:          | Kendra Keon           | Converted to Well:    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |                                  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation                 | USCS Code | USCS Class | Soil Description  | Drilling Notes | Drilling Fluid                   |                                 |  |
|------------|---------------|-----------------------------|---|------------------------------------|-----------|------------|---|----------------|----------------------------------|---------------------------------|--|
| 61         | 102           |                             |   | Deposits Topock - Fluvial Deposits | SW-SC     |            | to very coarse grained, angular to subround; little granules to very large pebbles, angular to subround; little clay; trace small cobbles, subangular; trace silt; wet; sand composed of mostly quartz, coarser clast mixed lithology   |                |                                  |                                 |  |
| 62         |               |                             |   | Topock - Fluvial Deposits          | MH        |            | (61.0 - 62.5') Topock - Fluvial Deposits; Elastic silt (MH); brown (7.5YR 5/4); high plasticity; and clay; trace very fine to fine grained sand, subround to round; very stiff  |                |                                  |                                 |  |
| 63         |               |                             |   | Topock - Fluvial Deposits          | SC        |            | (62.5 - 63.5') Topock - Fluvial Deposits; Clayey sand with gravel (SC); dark yellowish brown (10YR 4/4); very fine grained to very coarse grained, subangular to subround; some clay; little granules to very large pebbles, angular to subround; trace small cobbles, subangular to subround; trace silt; coarser clast composed of mixed lithology                            |                |                                  |                                 |  |
| 64         |               |                             |   | Topock - Older Alluvium Deposits   | SM        |            | (63.5 - 65.5') Topock - Older Alluvium Deposits; Silty sand with gravel (SM); reddish brown / moderate brown (5YR 4/4); very fine grained to very coarse grained, angular to subround; some silt; little granules to large pebbles, angular to subround; trace clay; coarser clasts composed of metadiorite; wet  |                |                                  |                                 |  |
| 65         | 120           | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope |                                    | NR        |            | (65.5 - 67.0') No recovery (NR); sediments fell out of bottom of core barrel  |                |                                  |                                 |  |
| 66         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 67         |               |                             |   |                                    |           |            |   |                |                                  | (67.0 - 77.0')<br>Soft drilling |  |
| 68         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 69         | 120           |                             |   | Topock - Older Alluvium Deposits   | SM        |            | (67.0 - 82.4') Topock - Older Alluvium Deposits; Silty sand with gravel (SM); reddish brown / moderate brown (5YR 4/4); very fine grained to very coarse grained, angular to subround; some silt; little granules to very large pebbles, angular to subangular; trace small cobbles, angular to subangular; trace clay; trace mica; coarser clasts composed of metadiorite; wet |                |                                  |                                 |  |
| 70         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 71         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 72         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 73         | 120           |                             |   | Topock - Older Alluvium Deposits   | SM        |            | (72.5'); some granules to very large pebbles, angular to subangular; little silt; little clay   |                |                                  |                                 |  |
| 74         |               |                             |   |                                    |           |            |   |                | (74'); increase in sand, no clay |                                 |  |
| 75         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 76         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 77         | 120           |                             |   |                                    |           |            | (77'); decrease in sand, increase in granule and pebbles, silt nodules  |                | (77.0 - 87.0')<br>Soft drilling  |                                 |  |
| 78         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 79         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |
| 80         |               |                             |   |                                    |           |            |   |                |                                  |                                 |  |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole



|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID | Groundwater Sample ID | Geologic Formation  | USCS Code | USCS Class | Soil Description   | Drilling Notes   | Drilling Fluid |
|------------|---------------|-----------------|-----------------------|---|-----------|------------|--|--|----------------|
| 81         |               |                 |                       | Topock - Older Alluvium Deposits                                  | SM        |            |  |  |                |
| 82         |               |                 |                       |   |           |            |  |  |                |
| 83         | 120           |                 |                       | Topock - Older Alluvium Deposits                                  | SW-SM     |            | (82.4 - 93.3') Topock - Older Alluvium Deposits; Well graded sand with silt and gravel (SW-SM); reddish brown / moderate brown (5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subround; little silt; little mica; coarser clasts composed of metadiorite; wet; silt nodules | (87.0 - 97.0')<br>Soft drilling                            |                |
| 84         |               |                 |                       |   |           |            |  |  |                |
| 85         |               |                 |                       |   |           |            |  |  |                |
| 86         |               |                 |                       |   |           |            |  |  |                |
| 87         |               |                 |                       |   |           |            |  |  |                |
| 88         |               |                 |                       | Groundwater VAS collection was not included in the drilling scope |           |            | (93.3 - 129.0') Topock - Older Alluvium Deposits; Silty sand with gravel (SM); reddish brown / moderate brown (5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace mica; coarser clasts composed of metadiorite; wet                               |  |                |
| 89         |               |                 |                       |   |           |            |  |  |                |
| 90         |               |                 |                       |   |           |            |  |  |                |
| 91         |               |                 |                       |   |           |            |  |  |                |
| 92         | 120           |                 |                       |   |           |            |  |  |                |
| 93         |               |                 |                       |   |           |            |  |  |                |
| 94         |               |                 |                       |   |           |            |  |  |                |
| 95         |               |                 |                       |   |           |            |  |  |                |
| 96         |               |                 |                       |   |           |            |  |  |                |
| 97         |               |                 |                       |   |           |            |  |  |                |
| 98         |               |                 |                       | Topock - Older Alluvium Deposits                                  | SM        |            | (96'); decrease in silt, increase in sand  | (97.0 - 107.0')<br>Soft drilling, change in rig geologist. |                |
| 99         | 120           |                 |                       |   |           |            |  |  |                |
| 100        |               |                 |                       |   |           |            |  |  |                |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation               | USCS Code | USCS Class | Soil Description  | Drilling Notes                    | Drilling Fluid                    |
|------------|---------------|-----------------------------|---|----------------------------------|-----------|------------|---|-----------------------------------|-----------------------------------|
| 101        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 102        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 103        |               |                             |   |                                  |           |            | (103'); little silt; increase in sand   |                                   |                                   |
| 104        | 120           |                             |   |                                  |           |            |   |                                   |                                   |
| 105        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 106        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 107        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 108        |               |                             |   |                                  |           |            | (107'); some silt; little granules to very large pebbles, angular to subround; trace small cobbles, subangular; decrease in sand  | (107.0 - 117.0')<br>Soft drilling |                                   |
| 109        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 110        |               | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Older Alluvium Deposits | SM        |            |   |                                   |                                   |
| 111        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 112        | 120           |                             |   |                                  |           |            |   |                                   |                                   |
| 113        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 114        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 115        |               |                             |   |                                  |           |            | (114.5'); some granules to very large pebbles, angular to subangular; trace small cobbles, subangular; iron oxide staining; increase in sand, decrease in silt, trace weathered metadiorite |                                   |                                   |
| 116        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 117        |               |                             |   |                                  |           |            |   |                                   |                                   |
| 118        |               |                             |   |                                  |           |            |   |                                   | (117.0 - 127.0')<br>Soft drilling |
| 119        | 120           |                             |   |                                  |           |            |   |                                   |                                   |
| 120        |               |                             |   |                                  |           |            | (119'); decrease in sand, increase in silt  |                                   |                                   |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID | Groundwater Sample ID                        | Geologic Formation               | USCS Code | USCS Class | Soil Description   | Drilling Notes | Drilling Fluid                    |
|------------|---------------|-----------------|--|----------------------------------|-----------|------------|--|----------------|-----------------------------------|
| 121        |               |                 |  | Topock - Older Alluvium Deposits | SM        | [Pattern]  | (122'); decrease in sand, increase in silt   |                |                                   |
| 122        |               |                 | (124.3'); increase in sand, decrease in silt |                                  |           |            |  |                |                                   |
| 123        | 120           |                 |  |                                  |           |            | (127'); decrease in sand, increase in silt   |                | (127.0 - 137.0')<br>Soft drilling |
| 124        |               |                 |  | Topock - Older Alluvium Deposits | ML        | [Pattern]  | (129.0 - 130.0') Topock - Older Alluvium Deposits; Sandy silt with gravel (ML); reddish brown / moderate brown (5YR 4/4); no plasticity; some granules to large pebbles, angular to subangular; some very fine to very coarse grained sand, angular to subround; trace mica; coarser clasts composed of metadiorite; wet; soft |                |                                   |
| 125        |               |                 |  |                                  |           |            | (130.0 - 180.5') Topock - Older Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subangular; some granules to very large pebbles, angular to subangular; some silt; little mica; coarser clasts composed of metadiorite; wet                    |                |                                   |
| 126        |               |                 |  | Topock - Older Alluvium Deposits | SM        | [Pattern]  | (134.5'); little granules to very large pebbles, angular to subangular; increase in silt   |                |                                   |
| 127        |               |                 |  |                                  |           |            | (137); increase in sand, decrease in silt  |                | (137.0 - 147.0')<br>Soft drilling |
| 128        |               |                 |  |                                  |           |            | (139.5'); increase in silt, decrease in sand   |                |                                   |
| 129        |               |                 |  |                                  |           |            |  |                |                                   |
| 130        |               |                 |  |                                  |           |            |  |                |                                   |
| 131        |               |                 |  |                                  |           |            |  |                |                                   |
| 132        | 120           |                 |  |                                  |           |            |  |                |                                   |
| 133        |               |                 |  |                                  |           |            |  |                |                                   |
| 134        |               |                 |  |                                  |           |            |  |                |                                   |
| 135        |               |                 |  |                                  |           |            |  |                |                                   |
| 136        |               |                 |  |                                  |           |            |  |                |                                   |
| 137        |               |                 |  |                                  |           |            |  |                |                                   |
| 138        |               |                 |  |                                  |           |            |  |                |                                   |
| 139        | 120           |                 |  |                                  |           |            |  |                |                                   |
| 140        |               |                 |  |                                  |           |            |  |                |                                   |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRANEDOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation               | USCS Code | USCS Class | Soil Description   | Drilling Notes  | Drilling Fluid |
|------------|---------------|-----------------------------|---|----------------------------------|-----------|------------|--|---|----------------|
| 141        |               |                             |   |                                  |           |            |  |   |                |
| 142        |               |                             |   |                                  |           |            |  |   |                |
| 143        | 120           |                             |   |                                  |           |            |  |   |                |
| 144        |               |                             |   |                                  |           |            | (144'); some granules to very large pebbles, angular to subangular; trace small cobbles, subangular; decrease in silt          |   |                |
| 145        |               |                             |   |                                  |           |            |  |   |                |
| 146        |               |                             |   |                                  |           |            |  |   |                |
| 147        |               |                             |   |                                  |           |            |  |   |                |
| 148        |               |                             |   |                                  |           |            |  | (147.0 - 157.0')<br>Soft drilling                           |                |
| 149        |               |                             |   |                                  |           |            |  |   |                |
| 150        |               | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Older Alluvium Deposits | SM        |            | (149'); little silt  |   |                |
| 151        |               |                             |   |                                  |           |            |  |   |                |
| 152        | 120           |                             |   |                                  |           |            | (152'); increase in sand, decrease in granules and pebbles, no cobbles   |   |                |
| 153        |               |                             |   |                                  |           |            |  |   |                |
| 154        |               |                             |   |                                  |           |            |  |   |                |
| 155        |               |                             |   |                                  |           |            |  |   |                |
| 156        |               |                             |   |                                  |           |            |  |   |                |
| 157        |               |                             |   |                                  |           |            | (156.5') reddish brown (2.5YR 4/4); little granules to very large pebbles, angular to subangular; trace clay; decrease in sand |   |                |
| 158        |               |                             |   |                                  |           |            |  | (157.0 - 167.0')<br>Soft drilling, change in rig geologist. |                |
| 159        | 120           |                             |   |                                  |           |            |  |   |                |
| 160        |               |                             |   |                                  |           |            | (159.2'); some granules to very large pebbles, angular to subangular; decrease in sand, decrease in silt                       |   |                |

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Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM / GJ / RC            | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation               | USCS Code | USCS Class | Soil Description   | Drilling Notes  | Drilling Fluid |
|------------|---------------|-----------------------------|---|----------------------------------|-----------|------------|--|---|----------------|
| 161        |               |                             |   |                                  |           |            | (162'); increase in sand, decrease in granules and pebbles, increase in silt, no clay    |   |                |
| 162        |               |                             |   |                                  |           |            | (164'); little clay; moist to wet; increase in granules and pebbles, decrease in sand    |   |                |
| 163        | 120           |                             |   |                                  |           |            |  |   |                |
| 164        |               |                             |   |                                  |           |            |  |   |                |
| 165        |               |                             |   |                                  |           |            |  |   |                |
| 166        |               |                             |   |                                  |           |            |  |   |                |
| 167        |               |                             |   |                                  |           |            |  | (167.0 - 177.0')<br>Soft drilling   |                |
| 168        |               |                             |   |                                  |           |            | (168'); wet; decrease in sand, increase in granules and pebbles                          |   |                |
| 169        |               |                             |   |                                  |           |            |  |   |                |
| 170        |               | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Older Alluvium Deposits | SM        |            |  |   |                |
| 171        |               |                             |   |                                  |           |            |  |   |                |
| 172        | 120           |                             |   |                                  |           |            | (172'); trace clay; increase in silt, increase in sand, decrease in granules and pebbles |   |                |
| 173        |               |                             |   |                                  |           |            |  |   |                |
| 174        |               |                             |   |                                  |           |            | (174'); little clay; decrease in silt, decrease in granules and pebbles                  |   |                |
| 175        |               |                             |   |                                  |           |            |  |   |                |
| 176        |               |                             |   |                                  |           |            |  |   |                |
| 177        |               |                             |   |                                  |           |            | (177'); trace clay; increase in sand   |   |                |
| 178        |               |                             |   |                                  |           |            | (178'); increase in silt, no clay  | (177.0 - 197.0')<br>Soft drilling, additional recovery do to stretching of finer grained lithology. |                |
| 179        | 252           |                             |   |                                  |           |            | (179'); trace clay; decrease in silt   |   |                |
| 180        |               |                             |   |                                  |           |            |  |   |                |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SMC\GRAND\DOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18

|                  |                       |                       |   |                           |                                  |
|------------------|-----------------------|-----------------------|---|---------------------------|----------------------------------|
| Date Started:    | 10/31/2019            | Surface Elevation:    | 467.61 ft amsl  | <b>Boring No.: MW-94d</b> |                                  |
| Date Completed:  | 11/02/2019            | Northing (NAD83):     | 2103892.87  |                           |                                  |
| Drilling Co.:    | Cascade               | Easting (NAD83):      | 7620097.91  | Client:                   | PG&E                             |
| Drilling Method: | Sonic Drilling        | Total Depth:          | 207 ft bgs  | Project:                  | Final GW Remedy Phase 1          |
| Drill Rig Type:  | Prosonic Truck Mount  | Borehole Diameter:    | 6-10 inches   | Location:                 | PG&E Topock, Needles, California |
| Driller Name:    | S. Vasquez / E. Ramos | Depth to First Water: | 10.6 ft bgs   | Project Number:           | RC000753.0051                    |
| Drilling Asst:   | L. Amaya / P. Almanza | Sampling Method:      | 4 inch x 10 ft Core Barrel  |                           |                                  |
| Logger:          | JL / SM / GJ / RC     | Sampling Interval:    | Continuous  |                           |                                  |
| Editor:          | Kendra Keon           | Converted to Well:    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |                                  |

| Depth (ft) | Recovery (in) | Sieve Sample ID | Groundwater Sample ID | Geologic Formation                        | USCS Code | USCS Class | Soil Description   | Drilling Notes   | Drilling Fluid  |  |  |  |
|------------|---------------|-----------------|-----------------------|---|-----------|------------|--|--|---|--|--|--|
| 181        |               |                 |                       | Topock - Older Alluvium Deposits          | SM        |            | (180.5 - 181.0') Topock - Older Alluvium Deposits; Well graded sand with silt and gravel (SW-SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace clay; trace mica; coarser clasts composed of metadiorite; wet |  |   |  |  |  |
| 182        |               |                 |                       | Topock - Older Alluvium Deposits          | SM        |            | (181.0 - 186.5') Topock - Older Alluvium Deposits; Silty sand with gravel (SM); reddish brown (2.5YR 4/4); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; trace clay; little mica; coarser clasts composed of metadiorite; wet                  |  |   |  |  |  |
| 183        |               |                 |                       |   |           |            |  |  | (184.0 - 186.5'); some silt; little clay; decrease in sand, increase in silt, increase in clay  |  |  |  |
| 184        |               |                 |                       |   |           |            |  |  | (186.5 - 207.0') Topock - Weathered Bedrock - conglomerate; Clayey sand with gravel (SC); red (2.5YR 4/6); very fine grained to very coarse grained, angular to subround; some granules to very large pebbles, angular to subangular; little silt; little clay; trace mica; coarser clasts composed of metadiorite; moist to wet; weathered pebble gravel present |  |  |  |
| 185        |               |                 |                       | Topock - Weathered Bedrock - conglomerate | SC        |            |  |  |   |  |  |  |
| 186        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 187        |               |                 |                       |   |           |            |  |  |   | (192'); trace silt; increase granules and pebbles, increase in sand, decrease silt |  |  |
| 188        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 189        | 252           |                 |                       |   |           |            |  |  |   |  |  |  |
| 190        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 191        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 192        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 193        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 194        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 195        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 196        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 197        |               |                 |                       |   |           |            |  |  |   |  |  |  |
| 198        | 120           |                 |                       |   |           |            | (197.5'); little silt; decrease in sand, increase in silt  | (197.0 - 207.0') Soft drilling, change in rig geologist. |   |  |  |  |
| 199        |               |                 |                       |   |           |            | (199'); trace silt; increase in sand, decrease in silt   |  |   |  |  |  |
| 200        |               |                 |                       |   |           |            |  |  |   |  |  |  |

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

|                                      |  |  |
|--------------------------------------|--|--|
| Date Started: 10/31/2019             | Surface Elevation: 467.61 ft amsl  | <b>Boring No.: MW-94d</b>                  |
| Date Completed: 11/02/2019           | Northing (NAD83): 2103892.87   |  |
| Drilling Co.: Cascade                | Easting (NAD83): 7620097.91  | Client: PG&E                               |
| Drilling Method: Sonic Drilling      | Total Depth: 207 ft bgs  | Project: Final GW Remedy Phase 1           |
| Drill Rig Type: Prosonic Truck Mount | Borehole Diameter: 6-10 inches   | Location: PG&E Topock, Needles, California |
| Driller Name: S. Vasquez / E. Ramos  | Depth to First Water: 10.6 ft bgs  | Project Number: RC000753.0051              |
| Drilling Asst: L. Amaya / P. Almanza | Sampling Method: 4 inch x 10 ft Core Barrel  |  |
| Logger: JL / SM/ GJ / RC             | Sampling Interval: Continuous  |  |
| Editor: Kendra Keon                  | Converted to Well: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |

| Depth (ft) | Recovery (in) | Sieve Sample ID             | Groundwater Sample ID   | Geologic Formation                        | USCS Code | USCS Class | Soil Description  | Drilling Notes | Drilling Fluid |
|------------|---------------|-----------------------------|---|---|-----------|------------|---|----------------|----------------|
| 201        | 120           | Sieve samples not collected | Groundwater VAS collection was not included in the drilling scope | Topock - Weathered Bedrock - conglomerate | SC        |            | (205'); little silt; decrease in sand, increase in silt |                |                |
| 202        |               |                             |   |   |           |            |   |                |                |
| 203        |               |                             |   |   |           |            |   |                |                |
| 204        |               |                             |   |   |           |            |   |                |                |
| 205        |               |                             |   |   |           |            |   |                |                |
| 206        |               |                             |   |   |           |            |   |                |                |
| 207        |               |                             |   |   |           |            |   |                |                |
|            |               |                             |   |   |           |            | End of Boring at 207.0 ft bgs.                          |                |                |
| 208        |               |                             |   |   |           |            |   |                |                |
| 209        |               |                             |   |   |           |            |   |                |                |
| 210        |               |                             |   |   |           |            |   |                |                |
| 211        |               |                             |   |   |           |            |   |                |                |
| 212        |               |                             |   |   |           |            |   |                |                |
| 213        |               |                             |   |   |           |            |   |                |                |
| 214        |               |                             |   |   |           |            |   |                |                |
| 215        |               |                             |   |   |           |            |   |                |                |
| 216        |               |                             |   |   |           |            |   |                |                |
| 217        |               |                             |   |   |           |            |   |                |                |
| 218        |               |                             |   |   |           |            |   |                |                |
| 219        |               |                             |   |   |           |            |   |                |                |
| 220        |               |                             |   |   |           |            |   |                |                |

Final 12/30/20

Abbreviations: USCS = Unified Soil Classification System, ft = feet, bgs = below ground surface, amsl = above mean sea level, GW = groundwater, NR = no recovery; Notes: blue water table symbol represents depth to water measured during drilling; apparent partial recoveries can be the result of potential compaction of sediments in the core bag; wells MW-94-175 installed in borehole

SOIL BORING LOG: PG&E TOPOCK C:\USERS\SSM\GRANEDOCUMENTS\PG&E TOPOCK\DRIFT BORING LOGS\GINT FILES\12.28.20\TOPOCK DATABASE FOR PLOG.GPJ TOPOCK DATA TEMPLATE FOR PLOG.GDT 12/30/20 14:18