



## Tank Battery Closure Checklist 2

|                                   |                                |
|-----------------------------------|--------------------------------|
| Additional Attachments (Optional) | Partially Buried Vault Closure |
| Site Name & COGCC Facility Number | Megan H 16-33 O SA             |
| Remediation Project #             | 27095                          |
| Date                              | 04/18/2023                     |

### Site Information

|                                           |                         |
|-------------------------------------------|-------------------------|
| Associated Wells                          |                         |
| Location                                  |                         |
| Latitude                                  | 40.222002               |
| Longitude                                 | -104.673219             |
| General Condition of Site                 | Good                    |
| USCS Soil Type                            | Sandy Clay / Sandy Clay |
| Estimated Depth to Groundwater            | <20'                    |
| Hydrocarbon Impacted Soils / Spills       | Yes                     |
| Salt Crusted Soils or Impacted Vegetation | None observed           |

### Soil Samples

| #   | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual      | Other Visual | Olfactory | Other Olfactory | Equipment Type           | Other Equipment Type |
|-----|-------------|-------------|----------------|--------------|-------------|--------------|-----------|-----------------|--------------------------|----------------------|
| R1  | 04/18/2023  | 10:33 AM    | AST-B01@3"     | 6.8          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R2  | 04/18/2023  | 10:35 AM    | AST-B02@3"     | 4.0          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R3  | 04/18/2023  | 10:36 AM    | AST-B03@3"     | 3.9          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R4  | 04/18/2023  | 10:37 AM    | AST-B04@3"     | 3.7          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R5  | 04/18/2023  | 10:38 AM    | AST-B05@3"     | 3.4          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R6  | 04/18/2023  | 10:39 AM    | AST-B06@3"     | 1.9          | N.S         |              | N.O       |                 | Aboveground Storage Tank |                      |
| R7  | 04/25/2023  | 03:00 PM    | PW-B01@5'      | 5133         | HC Staining |              | HC Odor   |                 | Produced Water Tank      |                      |
| R8  | 04/25/2023  | 03:02 PM    | PW-N01@2.5'    | 1131         | HC Staining |              | HC Odor   |                 | Produced Water Tank      |                      |
| R9  | 04/25/2023  | 03:04 PM    | PW-S01@2.5'    | 1587         | HC Staining |              | HC Odor   |                 | Produced Water Tank      |                      |
| R10 | 04/25/2023  | 03:06 PM    | PW-E01@2.5'    | 4322         | HC Staining |              | HC Odor   |                 | Produced Water Tank      |                      |
| R11 | 04/25/      | 03:08       | PW-            | 1204         | Slight HC   |              | HC        |                 | Produced Water           |                      |

| #   | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual      | Other Visual | Olfactory      | Other Olfactory | Equipment Type           | Other Equipment Type |
|-----|-------------|-------------|----------------|--------------|-------------|--------------|----------------|-----------------|--------------------------|----------------------|
|     | 2023        | PM          | W01@2.5'       |              | Staining    |              | Odor           |                 | Tank                     |                      |
| R12 | 04/26/2023  | 02:53 PM    | SEP-B01@4'     | 16.2         | N.S         |              | N.O            |                 | Separator                |                      |
| R13 | 04/26/2023  | 02:55 PM    | SEP-B02@4'     | 19.7         | N.S         |              | N.O            |                 | Separator                |                      |
| R14 | 04/26/2023  | 02:57 PM    | MH-B01@3"      | 1.0          | N.S         |              | N.O            |                 | Meter House              |                      |
| R15 | 04/26/2023  | 02:59 PM    | MH-B02@3"      | 0.7          | N.S         |              | N.O            |                 | Meter House              |                      |
| R16 | 04/26/2023  | 03:00 PM    | MH-B03@3"      | 0.9          | N.S         |              | N.O            |                 | Meter House              |                      |
| R17 | 04/26/2023  | 03:01 PM    | ECD-B01@3"     | 1.1          | N.S         |              | N.O            |                 | Emissions Control Device |                      |
| R18 | 05/02/2023  | 14:26       | DL-B01@3'      | 3.6          | N.S         |              | N.O            |                 | Dump Line                |                      |
| R19 | 05/02/2023  | 14:28       | DL-B02@3'      | 1.0          | N.S         |              | N.O            |                 | Dump Line                |                      |
| R20 | 05/02/2023  | 14:39       | PW-BG01@3'     | 1.1          | N.S         |              | N.O            |                 | Background               |                      |
| R21 | 05/02/2023  | 14:41       | PW-BG01@6'     | 1.1          | N.S         |              | N.O            |                 | Background               |                      |
| R22 | 05/02/2023  | 14:43       | PW-BG02@3'     | 1.2          | N.S         |              | N.O            |                 | Background               |                      |
| R23 | 05/02/2023  | 14:45       | PW-BG02@6'     | 1.0          | N.S         |              | N.O            |                 | Background               |                      |
| R24 | 05/02/2023  | 14:47       | PW-BG03@3'     | 0.7          | N.S         |              | N.O            |                 | Background               |                      |
| R25 | 05/02/2023  | 14:49       | PW-BG03@6'     | 1.0          | N.S         |              | N.O            |                 | Background               |                      |
| R26 | 05/02/2023  | 14:51       | PW-BG04@3'     | 0.8          | N.S         |              | N.O            |                 | Background               |                      |
| R27 | 05/02/2023  | 14:53       | PW-BG04@6'     | 1.2          | N.S         |              | N.O            |                 | Background               |                      |
| R28 | 05/17/2023  | 14:50       | PW-B02@8'      | 1275         | HC Staining |              | HC Odor        |                 | Produced Water Tank      |                      |
| R29 | 05/17/2023  | 14:52       | PW-B03@8'      | 520          | N.S         |              | HC Odor        |                 | Produced Water Tank      |                      |
| R30 | 05/17/2023  | 14:56       | PW-B04@8'      | 670          | N.S         |              | HC Odor        |                 | Produced Water Tank      |                      |
| R31 | 05/17/2023  | 14:58       | PW-B05@8'      | 106          | N.S         |              | HC Odor        |                 | Produced Water Tank      |                      |
| R32 | 05/17/2023  | 15:00       | PW-N02@2.5'    | 40.0         | N.S         |              | Slight HC Odor |                 | Produced Water Tank      |                      |
| R33 | 05/17/2023  | 15:02       | PW-N02@5'      | 12.5         | N.S         |              | N.O            |                 | Produced Water           |                      |

| #   | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual      | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|-----|-------------|-------------|----------------|--------------|-------------|--------------|----------------|-----------------|---------------------|----------------------|
|     | 2023        |             |                |              |             |              |                |                 | Tank                |                      |
| R34 | 05/17/2023  | 15:04       | PW-N03@2.5'    | 78.7         | N.S         |              | HC Odor        |                 | Produced Water Tank |                      |
| R35 | 05/17/2023  | 15:06       | PW-N03@5'      | 1260         | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R36 | 05/17/2023  | 15:08       | PW-N04@2.5'    | 122.1        | N.S         |              | HC Odor        |                 | Produced Water Tank |                      |
| R37 | 05/17/2023  | 15:10       | PW-N04@5'      | 41.5         | N.S         |              | HC Odor        |                 | Produced Water Tank |                      |
| R38 | 05/17/2023  | 15:12       | PW-N05@2.5'    | 6.4          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R39 | 05/17/2023  | 15:14       | PW-N05@2.5'    | 40.7         | N.S         |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R40 | 05/17/2023  | 15:16       | PW-S02@2.5'    | 201.3        | N.S         |              | HC Odor        |                 | Produced Water Tank |                      |
| R41 | 05/17/2023  | 15:18       | PW-S02@5'      | 5.6          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R42 | 05/17/2023  | 15:20       | PW-S03@2.5'    | 167.0        | N.S         |              | HC Odor        |                 | Produced Water Tank |                      |
| R43 | 05/17/2023  | 15:22       | PW-S03@5'      | 161.1        |             |              | HC Odor        |                 | Produced Water Tank |                      |
| R44 | 05/17/2023  | 15:24       | PW-S04@2.5'    | 5.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R45 | 05/17/2023  | 15:26       | PW-S04@5'      | 2.2          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R46 | 05/17/2023  | 15:28       | PW-S05@2.5'    | 1.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R47 | 05/17/2023  | 15:30       | PW-S05@5'      | 1.7          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R48 | 05/17/2023  | 15:32       | PW-E02@2.5'    | 5.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R49 | 05/17/2023  | 15:34       | PW-E02@5'      | 1.3          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R50 | 05/17/2023  | 15:36       | PW-E03@2.5'    | 1.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R51 | 05/17/2023  | 15:38       | PW-E03@5'      | 0.8          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R52 | 05/17/2023  | 15:40       | PW-W02@2.5'    | 5.1          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R53 | 05/17/2023  | 15:42       | PW-W02@5'      | 3.8          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R54 | 05/17/2023  | 15:44       | PW-W03@2.5'    | 11.1         | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R55 | 05/17/      | 15:46       | PW-            | 1.0          | N.S         |              | N.O            |                 |                     |                      |

| #   | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual             | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|-----|-------------|-------------|----------------|--------------|--------------------|--------------|----------------|-----------------|---------------------|----------------------|
|     | 2023        |             | W03@5'         |              |                    |              |                |                 |                     |                      |
| R56 | 05/24/2023  | 12:50 PM    | PW-N02@8'      | 51.3         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R57 | 05/24/2023  | 01:11 PM    | FL-N03@8'      | 514.2        | N.S                |              | HC Odor        |                 | Produced Water Tank |                      |
| R58 | 05/24/2023  | 01:12 PM    | PW-N04@8'      | 7.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R59 | 05/24/2023  | 01:15 PM    | PW-N05@8'      | 23.1         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R60 | 05/24/2023  | 01:14 PM    | PW-S02@8'      | 7.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R61 | 05/24/2023  | 01:13 PM    | PW-S06@2.5'    | 63.7         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R62 | 05/24/2023  | 01:17 PM    | PW-S03@8'      | 258.9        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R63 | 05/24/2023  | 01:18 PM    | PW-S04@8'      | 13.7         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R64 | 05/24/2023  | 01:19 PM    | PW-S05@8'      | 3.2          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R65 | 05/24/2023  | 01:23 PM    | PW-E02@8'      | 455.4        | N.S                |              | Other          |                 | Produced Water Tank |                      |
| R66 | 05/24/2023  | 01:24 PM    | PW-E03@8'      | 251.3        | N.S                |              | HC Odor        |                 | Produced Water Tank |                      |
| R67 | 05/24/2023  | 01:25 PM    | PW-W02@8'      | 7.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R68 | 05/24/2023  | 01:26 PM    | PW-W03@8'      | 4.0          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R69 | 05/24/2023  | 01:20 PM    | PW-B06@10'     | 551.6        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R70 | 05/24/2023  | 01:21 PM    | PW-B07@10'     | 1143         | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R71 | 05/24/2023  | 01:22 PM    | PW-B08@10'     | 114.2        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R72 | 05/24/2023  | 01:09 PM    | PW-N06@5'      | 11.4         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R73 | 05/31/2023  | 10:32 AM    | PW-B10@12'     | 138.6        | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R74 | 05/31/2023  | 10:34 AM    | PW-B11@12'     | 584.8        | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R75 | 05/31/2023  | 10:36 AM    | PW-N02@10'     | 444.8        | N.S                |              | Slight HC      |                 | Produced Water Tank |                      |

| #   | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual             | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|-----|-------------|-------------|----------------|--------------|--------------------|--------------|----------------|-----------------|---------------------|----------------------|
|     |             |             |                |              |                    |              | Odor           |                 |                     |                      |
| R76 | 05/31/2023  | 10:38 AM    | PW-N03@9'      | 13.1         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R77 | 05/31/2023  | 10:40 AM    | PW-S02@10'     | 154.8        | N.S                |              | HC Odor        |                 | Produced Water Tank |                      |
| R78 | 05/31/2023  | 10:42 AM    | PW-S03@10'     | 1398         | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R79 | 05/31/2023  | 10:44 AM    | PW-E02@8'      | 11.4         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R80 | 05/31/2023  | 10:46 AM    | PW-E03@8'      | 6.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R81 | 05/31/2023  | 10:48 AM    | PW-W02@10'     | 17.3         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R82 | 05/31/2023  | 10:50 AM    | PW-W03@10'     | 58.5         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R83 | 05/31/2023  | 10:30 AM    | PW-B09@12'     | 1069         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R84 | 05/31/2023  | 10:30 AM    | PW-B09@12'     | 1069         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R85 | 06/14/2023  | 04:15 PM    | PW-B12@16'     | 622.8        | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R86 | 06/14/2023  | 04:17 PM    | PW-B13@16'     | 580.2        | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R87 | 06/14/2023  | 04:19 PM    | PW-B14@16'     | 2572         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R88 | 06/15/2023  | 08:40 AM    | PW-N06@8'      | 89.4         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R89 | 06/15/2023  | 08:42 AM    | PW-N06@13'     | 40.2         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R90 | 06/15/2023  | 08:44 AM    | PW-N07@12'     | 48.7         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R91 | 06/15/2023  | 08:46 AM    | PW-N08@12'     | 199.6        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R92 | 06/15/2023  | 08:48 AM    | PW-N09@8'      | 3.0          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R93 | 06/15/2023  | 08:50 AM    | PW-S06@6'      | 116.1        | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R94 | 06/15/2023  | 08:52 AM    | PW-S06@13'     | 4.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R95 | 06/15/2023  | 08:54 AM    | PW-S07@12'     | 6.3          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R96 | 06/15/2023  | 08:56 AM    | PW-            | 3.2          | N.S                |              | N.O            |                 | Produced Water      |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual             | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|--------------------|--------------|----------------|-----------------|---------------------|----------------------|
|      | 2023        | AM          | S08@10'        |              |                    |              |                |                 | Tank                |                      |
| R97  | 06/15/2023  | 08:58 AM    | PW-S08@14'     | 3.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R98  | 06/15/2023  | 09:00 AM    | PW-S09@10'     | 2.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R99  | 06/15/2023  | 09:02 AM    | PW-S09@14'     | 4.0          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R100 | 06/15/2023  | 09:04 AM    | PW-W04@6'      | 3.0          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R101 | 06/15/2023  | 09:06 AM    | PW-W04@13'     | 225.8        | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R102 | 06/15/2023  | 09:08 AM    | PW-W05@10'     | 5.2          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R103 | 06/15/2023  | 09:10 AM    | PW-W05@14'     | 110.3        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R104 | 06/15/2023  | 09:12 AM    | PW-W06@13'     | 46.5         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R105 | 06/15/2023  | 09:14 AM    | PW-W07@6'      | 117.5        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R106 | 06/15/2023  | 09:16 AM    | PW-W07@13'     | 150.8        | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R107 | 06/15/2023  | 09:18 AM    | PW-B15@16'     | 30.2         | N.S                |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R108 | 06/15/2023  | 09:20 AM    | PW-B16@16'     | 310.8        | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R109 | 06/15/2023  | 09:22 AM    | PW-B17@10'     | 11.7         | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R110 | 06/15/2023  | 09:24 AM    | PW-BG05@16'    | 5.4          | N.S                |              | N.O            |                 | Background          |                      |
| R111 | 06/15/2023  | 09:26 AM    | PW-BG06@16'    | 3.1          | N.S                |              | N.O            |                 | Background          |                      |
| R112 | 06/28/2023  | 11:10 AM    | PW-B18@18'     | 1674         | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R113 | 06/28/2023  | 11:12 AM    | PW-B19@19'     | 614.3        | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R114 | 06/28/2023  | 11:14 AM    | PW-B20@19'     | 1371         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R115 | 07/12/2023  | 11:52 AM    | PW-S10@8'      | 0.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R116 | 07/12/2023  | 11:54 AM    | PW-S10@14'     | 0.2          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R117 | 07/12/2023  | 11:56 AM    | PW-S10@19'     | 36.4         | N.S                |              | Slight HC      |                 | Produced Water Tank |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual             | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|--------------------|--------------|----------------|-----------------|---------------------|----------------------|
|      |             |             |                |              |                    |              | Odor           |                 |                     |                      |
| R118 | 07/12/2023  | 11:58 AM    | PW-S11@8'      | 0.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R119 | 07/12/2023  | 12:00 PM    | PW-S11@14'     | 1.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R120 | 07/12/2023  | 12:02 PM    | PW-S11@19'     | 27.7         | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R121 | 07/12/2023  | 12:04 PM    | PW-S12@8'      | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R122 | 07/12/2023  | 12:06 PM    | PW-S12@14'     | 0.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R123 | 07/12/2023  | 12:08 PM    | PW-S12@19'     | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R124 | 07/12/2023  | 12:10 PM    | PW-S13@8'      | 0.4          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R125 | 07/12/2023  | 12:12 PM    | PW-S13@14'     | 0.4          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R126 | 07/12/2023  | 12:14 PM    | PW-S13@19'     | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R127 | 07/12/2023  | 12:16 PM    | PW-S14@8'      | 0.4          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R128 | 07/12/2023  | 12:16 PM    | PW-S14@14'     | 0.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R129 | 07/12/2023  | 12:18 PM    | PW-S14@19'     | 29.3         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R130 | 07/12/2023  | 12:20 PM    | PW-S15@8'      | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R131 | 07/12/2023  | 12:22 PM    | PW-S15@14'     | 0.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R132 | 07/12/2023  | 12:24 PM    | PW-S15@19'     | 6.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R133 | 07/12/2023  | 12:26 PM    | PW-N08@8'      | 26.8         | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R134 | 07/12/2023  | 12:28 PM    | PW-N08@14'     | 324.8        | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R135 | 07/12/2023  | 12:30 PM    | PW-N08@19'     | 1673         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R136 | 07/12/2023  | 12:32 PM    | PW-B21@20'     | 0.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R137 | 07/12/2023  | 12:34 PM    | PW-B22@20'     | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R138 | 07/12/2023  | 12:36 PM    | PW-B23@20'     | 1.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual             | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|--------------------|--------------|----------------|-----------------|---------------------|----------------------|
| R139 | 07/12/2023  | 12:38 PM    | PW-B24@20'     | 0.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R140 | 07/12/2023  | 12:40 PM    | PW-B25@20'     | 8.6          | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R141 | 09/11/2023  | 08:30 AM    | PW-B21-01@20'  | 6.2          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R142 | 09/11/2023  | 08:32 AM    | PW-B22-01@20'  | 5.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R143 | 09/11/2023  | 08:34 AM    | PW-B24-01@20'  | 216          | Slight HC Staining |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R144 | 09/11/2023  | 08:36 AM    | PW-N10@14'     | 0.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R145 | 09/11/2023  | 08:38 AM    | PW-N10@19'     | 342          | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R146 | 09/11/2023  | 08:40 AM    | PW-N11@12'     | 0.4          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R147 | 09/11/2023  | 08:42 AM    | PW-N11@19'     | 513          | Slight HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R148 | 09/11/2023  | 08:44 AM    | PW-N12@12'     | 0.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R149 | 09/11/2023  | 08:46 AM    | PW-N12@19'     | 1017         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R150 | 09/11/2023  | 08:48 AM    | PW-W08@10'     | 0.6          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R151 | 09/11/2023  | 08:50 AM    | PW-W08@15'     | 0.7          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R152 | 09/11/2023  | 08:52 AM    | PW-W09@10'     | 1.5          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R153 | 09/11/2023  | 08:54 AM    | PW-W09@15'     | 0.8          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R154 | 09/11/2023  | 08:56 AM    | PW-W10@10'     | 0.9          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R155 | 09/11/2023  | 08:58 AM    | PW-W10@15'     | 1.1          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R156 | 09/11/2023  | 09:00 AM    | PW-W11@10'     | 1.0          | N.S                |              | N.O            |                 | Produced Water Tank |                      |
| R157 | 09/11/2023  | 09:02 AM    | PW-W11@15'     | 1770         | HC Staining        |              | HC Odor        |                 | Produced Water Tank |                      |
| R158 | 09/11/2023  | 09:04 AM    | PW-BG07@8'     | 0.5          | N.S                |              | N.O            |                 | Background          |                      |
| R159 | 09/11/2023  | 09:06 AM    | PW-BG07@14'    | 0.3          | N.S                |              | N.O            |                 | Background          |                      |
| R160 | 09/11/2023  | 09:08 AM    | PW-BG07@20'    | 0.4          | N.S                |              | N.O            |                 | Background          |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual | Other Visual | Olfactory | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|--------|--------------|-----------|-----------------|---------------------|----------------------|
| R161 | 09/11/2023  | 09:10 AM    | PW-BG08@8'     | 0.3          | N.S    |              | N.O       |                 | Background          |                      |
| R162 | 09/11/2023  | 09:12 AM    | PW-BG08@14'    | 0.7          | N.S    |              | N.O       |                 | Background          |                      |
| R163 | 09/11/2023  | 09:14 AM    | PW-BG08@20'    | 0.4          | N.S    |              | N.O       |                 | Background          |                      |
| R164 | 09/11/2023  | 09:45 AM    | PW-BG09@8'     | 2.4          | N.S    |              | N.O       |                 | Background          |                      |
| R165 | 09/11/2023  | 09:47 AM    | PW-BG09@14'    | 2.6          | N.S    |              | N.O       |                 | Background          |                      |
| R166 | 09/11/2023  | 09:49 AM    | PW-BG09@20'    | 3.4          | N.S    |              | N.O       |                 | Background          |                      |
| R167 | 10/02/2023  | 11:43 AM    | PW-S16@14'     | 2.4          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R168 | 10/02/2023  | 11:45 AM    | PW-S16@19'     | 1.9          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R169 | 10/02/2023  | 11:49 AM    | PW-S17@14'     | 3.7          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R170 | 10/02/2023  | 11:51 AM    | PW-S17@19'     | 3.5          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R171 | 10/02/2023  | 11:53 AM    | PW-S18@14'     | 1.1          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R172 | 10/02/2023  | 11:55 AM    | PW-S18@19'     | 4.1          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R173 | 10/02/2023  | 11:57 AM    | PW-S19@14'     | 1.3          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R174 | 10/02/2023  | 11:59 AM    | PW-S19@19'     | 2.0          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R175 | 10/02/2023  | 12:01 AM    | PW-S20@14'     | 4.1          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R176 | 10/02/2023  | 12:03 AM    | PW-S20@19'     | 3.9          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R177 | 10/02/2023  | 12:07 AM    | PW-N13@12'     | 2.8          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R178 | 10/02/2023  | 12:09 AM    | PW-N14@14'     | 2.7          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R179 | 10/02/2023  | 12:11 AM    | PW-N15@14'     | 3.0          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R180 | 10/02/2023  | 12:13 AM    | PW-W12@10'     | 2.6          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R181 | 10/02/2023  | 12:15 AM    | PW-W@15'       | 3.1          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R182 | 10/23/2023  | 09:00 AM    | PW-N16@14'     | 1.8          | N.S    |              | N.O       |                 | Produced Water Tank |                      |
| R183 | 10/23/2023  | 09:02 AM    | PW-            | 1.4          | N.S    |              | N.O       |                 | Produced Water      |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual      | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|-------------|--------------|----------------|-----------------|---------------------|----------------------|
|      | 2023        | AM          | N17@14'        |              |             |              |                |                 | Tank                |                      |
| R184 | 10/23/2023  | 09:04 AM    | PW-N18@12'     | 4.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R185 | 10/23/2023  | 09:06 AM    | PW-N19@12'     | 1.7          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R186 | 10/23/2023  | 09:08 AM    | PW-S21@14'     | 1.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R187 | 10/23/2023  | 09:10 AM    | PW-S21@19'     | 1087         | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R188 | 10/23/2023  | 09:12 AM    | PW-S22@14'     | 0.6          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R189 | 10/23/2023  | 09:14 AM    | PW-S22@19'     | 68.1         | N.S         |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R190 | 10/23/2023  | 09:16 AM    | PW-S23@14'     | 1.3          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R191 | 10/23/2023  | 09:18 AM    | PW-S23@19'     | 2.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R192 | 10/23/2023  | 09:20 AM    | PW-S24@19'     | 0.7          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R193 | 10/23/2023  | 09:22 AM    | PW-S25@19'     | 0.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R194 | 10/23/2023  | 09:24 AM    | PW-S26@19'     | 0.6          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R195 | 10/23/2023  | 09:26 AM    | PW-W13@10'     | 2.6          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R196 | 10/23/2023  | 09:28 AM    | PW-W13@15'     | 1.1          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R197 | 10/23/2023  | 09:30 AM    | PW-W14@10'     | 0.7          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R198 | 10/23/2023  | 09:32 AM    | PW-W14@15'     | 0.6          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R199 | 10/23/2023  | 09:34 AM    | PW-W15@10'     | 2.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R200 | 10/23/2023  | 09:36 AM    | PW-W15@15'     | 2.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R201 | 11/07/2023  | 11:00 AM    | PW-N20@14'     | 2.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R202 | 11/07/2023  | 11:10 AM    | PW-W16@10'     | 1.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R203 | 11/07/2023  | 11:30 AM    | PW-B26@21'     | 327.8        | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R204 | 11/07/2023  | 11:32 AM    | PW-B26@22'     | 102.6        | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R205 | 03/01/      | 09:30       | PW-            | 1754         | HC          |              | HC             |                 | Produced Water      |                      |

| #    | Sample Date | Sample Time | Soil Sample ID | PID Readings | Visual      | Other Visual | Olfactory      | Other Olfactory | Equipment Type      | Other Equipment Type |
|------|-------------|-------------|----------------|--------------|-------------|--------------|----------------|-----------------|---------------------|----------------------|
|      | 2024        | AM          | B27@30'        |              | Staining    |              | Odor           |                 | Tank                |                      |
| R206 | 03/11/2024  | 09:10 AM    | PW-B28 @ 35'   | 1316         | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R207 | 03/20/2024  | 02:00 PM    | PW-E04 @ 12'   | 18.1         | N.S         |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R208 | 03/20/2024  | 02:02 PM    | PW-E05 @ 15'   | 0.9          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R209 | 03/20/2024  | 02:08 PM    | PW-E06 @ 15'   | 1.5          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R210 | 03/20/2024  | 02:10 PM    | PW-E07 @ 15'   | 2.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R211 | 03/20/2024  | 02:12 PM    | PW-E08 @ 15'   | 11.6         | N.S         |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R212 | 03/20/2024  | 02:14 PM    | PW-E09 @ 12'   | 1924         | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R213 | 03/20/2024  | 02:20 PM    | PW-E10 @ 12'   | 7.3          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R214 | 03/20/2024  | 02:22 PM    | PW-E11 @ 12'   | 14.7         | N.S         |              | Slight HC Odor |                 | Produced Water Tank |                      |
| R215 | 03/20/2024  | 02:24 PM    | PW-E12 @ 25'   | 7.9          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R216 | 03/20/2024  | 02:30 PM    | PW-E13 @ 15'   | 281.1        | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R217 | 03/20/2024  | 02:32 PM    | PW-S27 @ 25'   | 0.2          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R218 | 03/20/2024  | 02:40 PM    | PW-W17 @ 25'   | 0.0          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R219 | 03/20/2024  | 02:42 PM    | PW-N22 @ 25'   | 17.7         | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R220 | 03/20/2024  | 02:50 PM    | PW-N21 @ 10'   | 0.2          | N.S         |              | N.O            |                 | Produced Water Tank |                      |
| R221 | 03/21/2024  | 02:25 PM    | PW-B29 @ 35'   | 1044         | HC Staining |              | HC Odor        |                 | Produced Water Tank |                      |
| R222 | 03/22/2024  | 02:45 PM    | PW-E14 @ 33'   | 0.8          | N.S         |              | N.O            |                 | Produced Water Tank |                      |

Photo(s)

R1 - P1



Looking south

R2 - P1



Looking south

R3 - P1



Looking south

R4 - P1



Looking south

R5 - P1



Looking south

R6 - P1



Looking south

R7 - P1



Looking south

R9 - P1



Looking south



Looking south



Looking south



Looking south



Looking south

R15 - P1



Looking south

R16 - P1



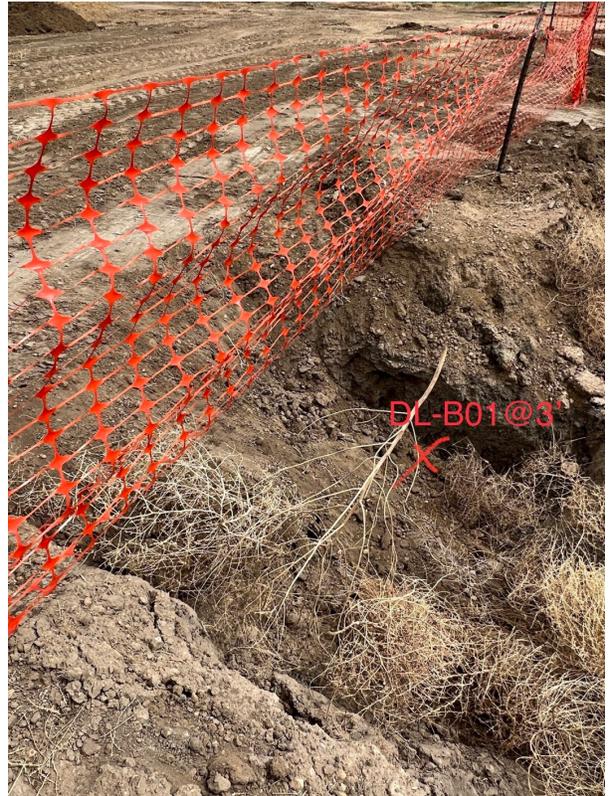
Looking south

R17 - P1



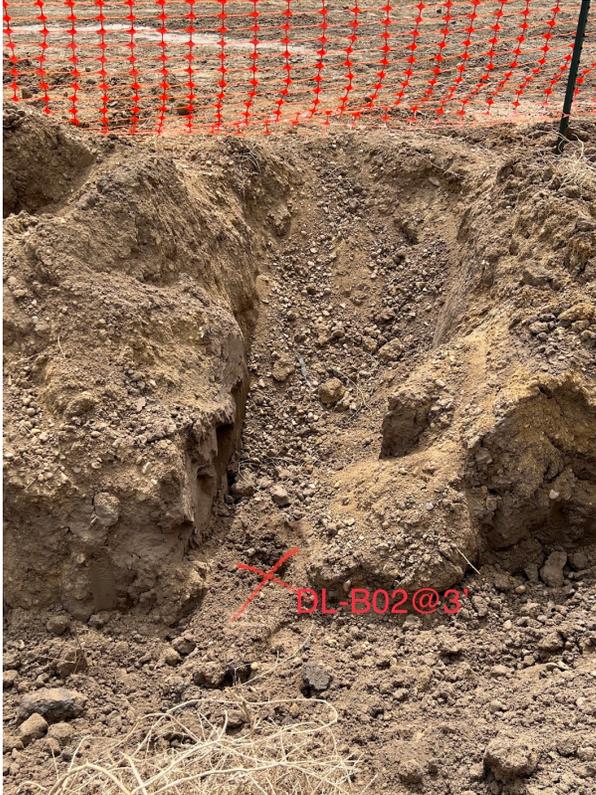
Looking south

R18 - P1



Looking south

R19 - P1



Looking south

R20 - P1



Looking south

R21 - P1



Looking south

R22 - P1



Looking south

R23 - P1



Looking south

R24 - P1



Looking south

R25 - P1



Looking south

R26 - P1



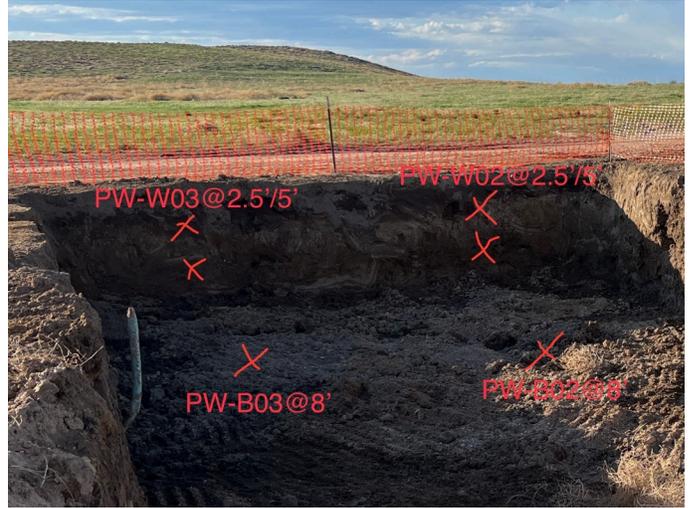
Looking south

R27 - P1



Looking south

R28 - P1



Looking south

R30 - P1



Looking south

R32 - P1



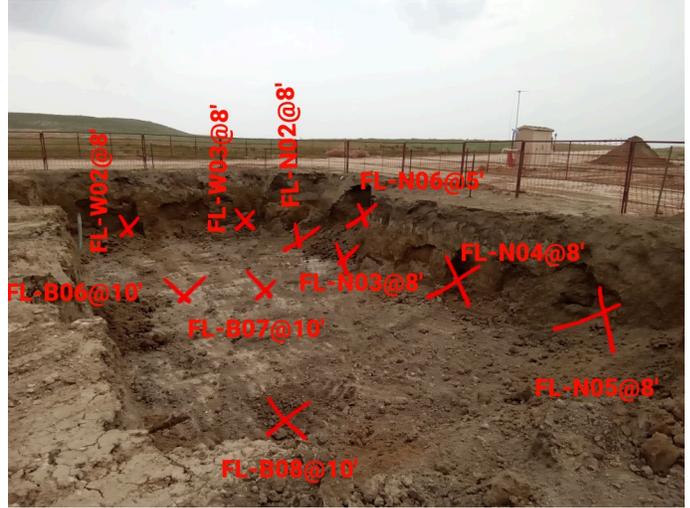
Looking south

R40 - P1



Looking south

R56 - P1



Looking south

R61 - P1



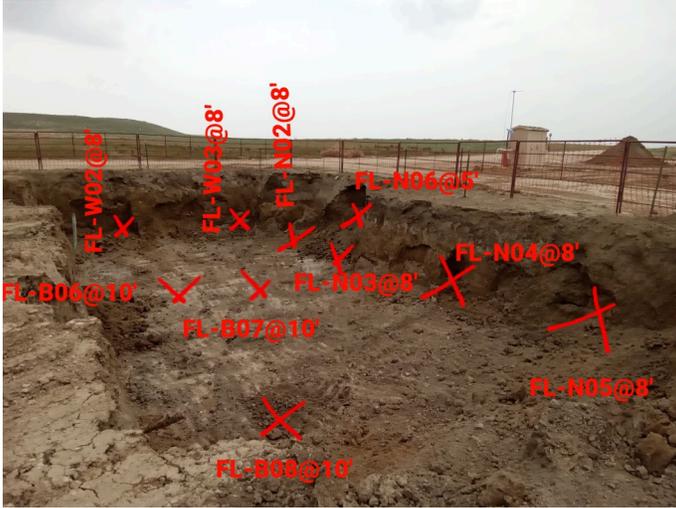
Looking south

R65 - P1



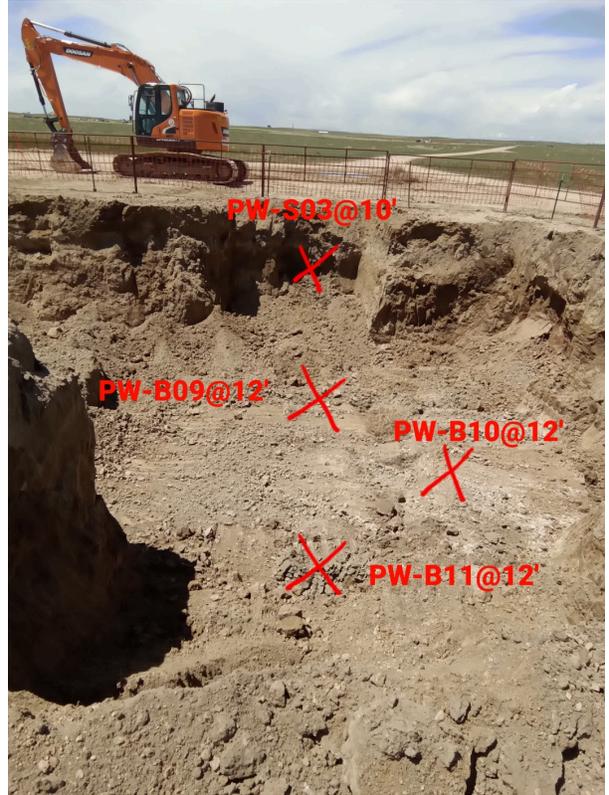
Looking south

R67 - P1



Looking south

R73 - P1



Looking south

R75 - P1



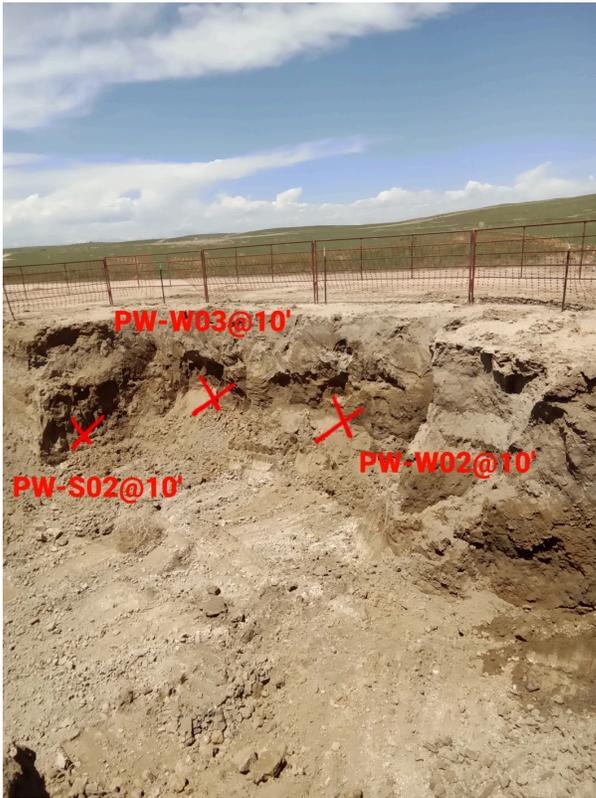
Looking north

R79 - P1



Looking east

R81 - P1



Looking west

R84 - P1



Looking south

R94 - P1



Looking southeast

R95 - P1



Looking south

R100 - P1



Looking northwest

R107 - P1



Looking north

R109 - P1



Looking east

R110 - P1



Looking south

R111 - P1



Looking east

R112 - P1



Looking northwest

R113 - P1



Looking northwest

R115 - P1



Looking south

R124 - P1



Looking southwest

R133 - P1



Looking east

R141 - P1



Looking northwest

R144 - P1



Looking northeast

R150 - P1



Looking west

R154 - P1



Looking west

R158 - P1



Looking northeast

R161 - P1



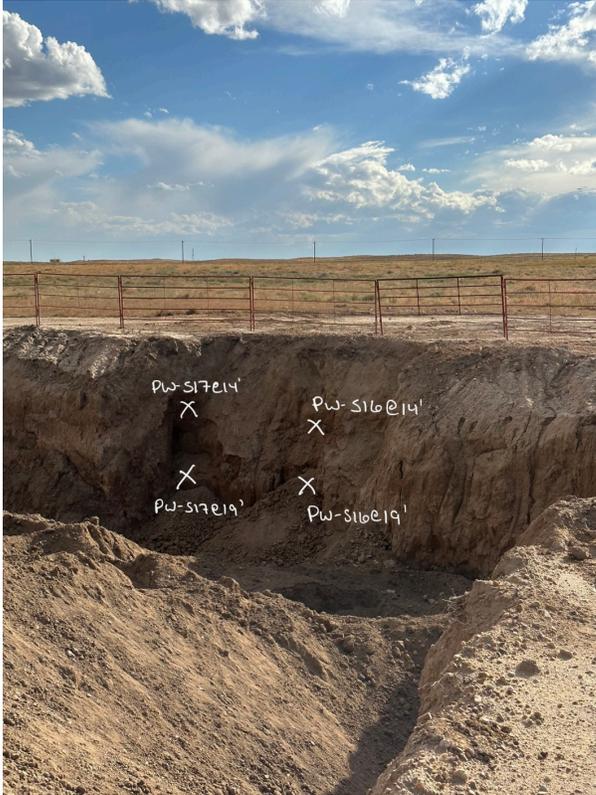
Looking northeast

R164 - P1



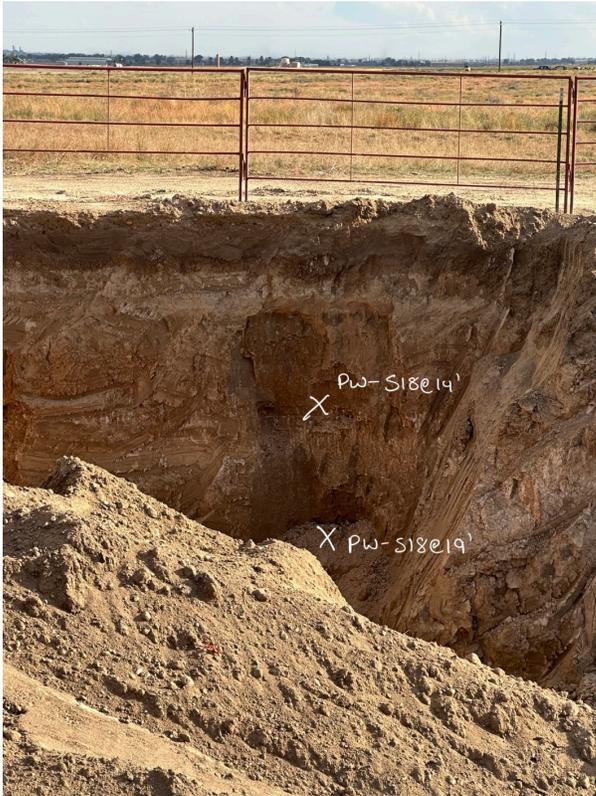
Looking west

R167 - P1



facing south

R171 - P1



facing south

R177 - P1



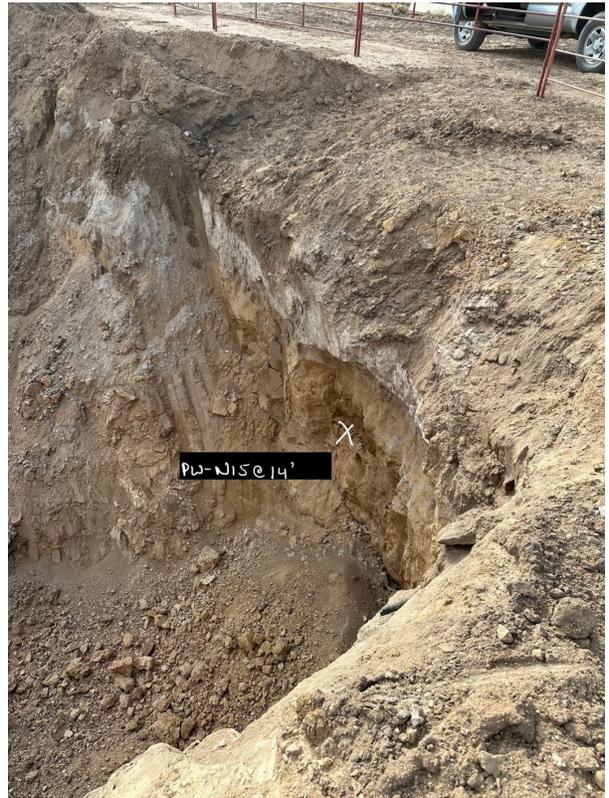
facing east

R178 - P1



facing east

R179 - P1



facing north

R180 - P1



facing west

R191 - P1



Looking north

R192 - P1



Looking north

R193 - P1



Looking south

R194 - P1



Looking south

R195 - P1



Looking south

R196 - P1



Looking west

R197 - P1



Looking west

R201 - P1



Looking north

R202 - P1



Looking northwest

R203 - P1



Looking northwest

R205 - P1



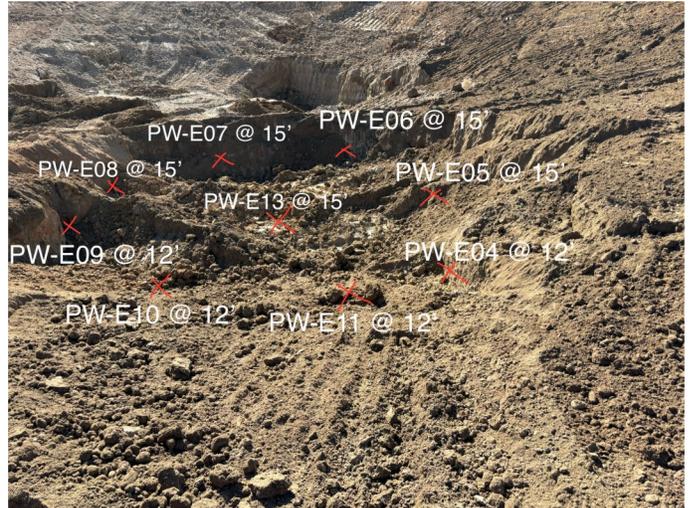
Looking west

R206 - P1



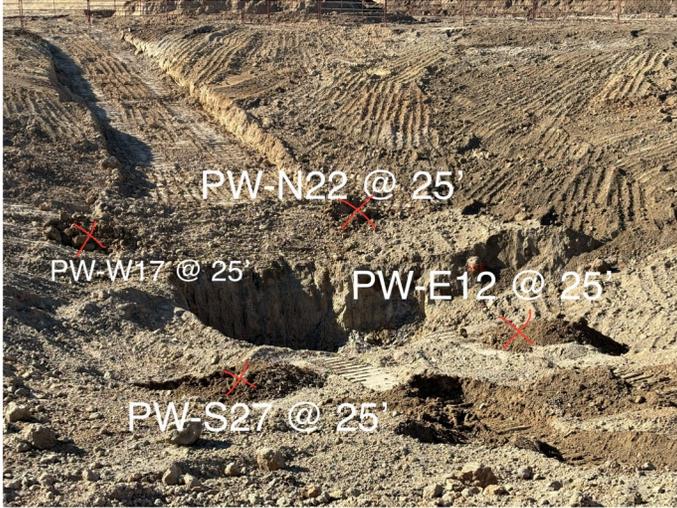
Facing north

R216 - P1



Facing West

R219 - P1



Facing North

R220 - P1



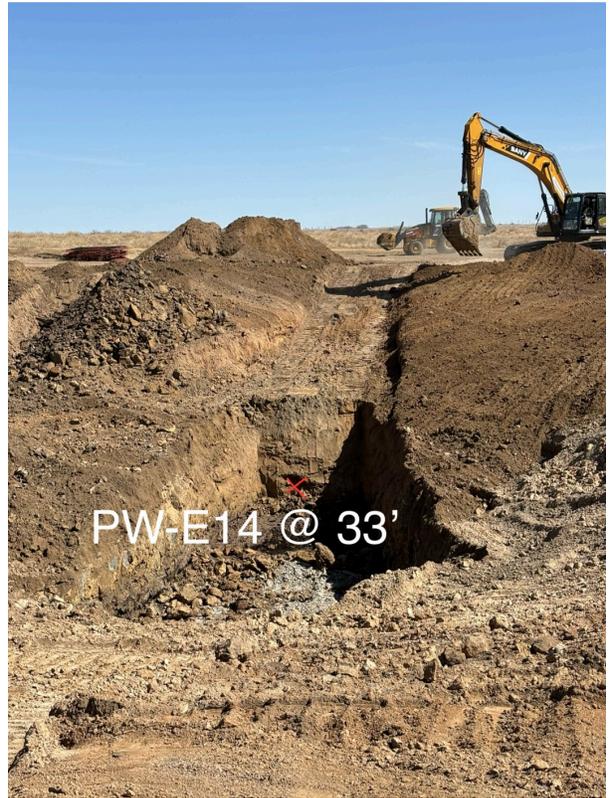
Facing North

R221 - P1



Facing south

R222 - P1



Facing southeast

Other observations regarding tanks

Summary

|                                                            |                                |
|------------------------------------------------------------|--------------------------------|
| Was impacted soil identified?                              | Yes - more than 10 cubic yards |
| Total number of soil samples field screened                | 222                            |
| Total number of soil samples collected                     | 222                            |
| Highest PID Reading                                        | 5133                           |
| Total number of soil samples submitted to lab for analysis | 197                            |

Vertical Extent

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| Lateral Extent                                                    |     |
| Estimated spill volume                                            |     |
| Volume of soil removed                                            |     |
| Is additional investigation required?                             | yes |
| Was groundwater encountered during the investigation?             | No  |
| Measured depth to groundwater                                     |     |
| Was remedial groundwater removal conducted?                       |     |
| Date Groundwater was encountered                                  |     |
| Commencement date of removal                                      |     |
| Sheen on groundwater?                                             |     |
| Free product observed?                                            |     |
| Volume of groundwater removed prior to sampling                   |     |
| Volume of groundwater removed post sampling                       |     |
| Total volume of groundwater removed                               |     |
| Total number of groundwater samples collected                     |     |
| Total number of groundwater samples submitted to lab for analysis |     |