

VIA ELECTRONIC SUBMITTAL

August 10, 2017

Mr. Randy Bayliss
New Mexico Oil Conservation Division
1220 S. Francis Street
Santa Fe, New Mexico 87505

RE: Groundwater Monitoring Report and Request for Site Closure
Lindrith B#24 Site
NMOCD Case No. 3RP-214-0
METER CODE: 94967
T24N, R3W, Sec9, Unit N
Latitude: 36.319794 Longitude: -107.166008

Dear Mr. Bayliss:

MWH now part of Stantec (Stantec), on behalf of El Paso CGP Company, LLC (EPCGP), requests regulatory closure of the Lindrith B#24 site (NMOCD Case No. 3RP-214-0). This correspondence documents the analytical results from the final site monitoring event, completed in accordance with the Remediation Work Plan approved by the New Mexico Oil Conservation Division (OCD) on November 30, 1995. EPCGP is requesting closure of the Lindrith B#24 site (the Site) based on the data obtained and the closure criteria outlined in the Remediation Plan.

Site Background

The Site is located on Private/Fee land. The Site was formerly operated by Conoco Phillips, and the production well has been plugged and abandoned. Monitoring wells were installed in 1997 (MW-1), 1999 (MW-2 and MW-3), 2014 (MW-4 through MW-7), and 2016 (MW-1R). Soil borings DP-1 through DP-4 were also advanced at locations adjacent to MW-1 in 2016. The monitoring well construction logs are provided in Attachment A.

Free product has been encountered periodically in the past, but has not been encountered since 2015. Soil sampling (DP-1 through DP-5) was completed in April 2016. Soil boring DP-1 was completed near MW-1 to evaluate remaining soil impacts inside the former pit. DP-2 through DP-5 were completed around the perimeter of the former pit. The soil sample results are summarized on Table 1. In response to results of total petroleum hydrocarbon (TPH) exceedances in soil samples collected during advancement of DP-4, a groundwater sample was collected from monitoring well MW-1R in May 2017 and analyzed for polynuclear aromatic hydrocarbons (PAHs). PAH results at MW-1R were below the NMWQCC standards, as summarized in Table 2.

Groundwater monitoring has been conducted at the Site on a quarterly basis beginning in the fourth quarter of 2016. Benzene, toluene, ethylbenzene, and total xylene (BTEX) concentrations in the site wells have been below the New Mexico Water Quality Control Commission (NMWQCC) standards in the past four calendar quarters. BTEX concentrations have not exceeded NMWQCC standards in groundwater samples collected from the Site since February 2002. The results of the first quarterly groundwater sampling event, completed in the fourth calendar quarter of 2016, was presented in the Annual Groundwater Sampling Report, submitted in March 2017.

2017 Groundwater Monitoring Data

Quarterly groundwater monitoring events were completed on March 28, June 7, and July 28, 2017. Prior to collecting groundwater samples, the site monitoring wells were gauged with an oil-water interface probe to verify the absence of free product and determine groundwater elevations. Measureable free product was not detected in any of the monitoring wells gauged, as presented on Table 3. The groundwater elevation data indicate a groundwater flow direction to the west, as presented on Figures 2, 4, and 6, which is consistent with previous gauging data.

Since June 2013, groundwater samples have been collected using HydraSleeve™ no-purge groundwater sampling devices (HydraSleeves). HydraSleeve sampling devices provide no-purge groundwater samples from the undisturbed water column, and have been proven in independent testing to provide groundwater quality data comparable to low-flow groundwater sampling methods. The HydraSleeves were set during the previous sampling events approximately 0.5 foot above termination depth of the monitoring wells, using a suspension tether and stainless steel weights. On the following sample event, field personnel returned to the Site and collected a direct, undisturbed sample from the water column in the screened interval of each well by pulling the HydraSleeve from the well. Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to TestAmerica Laboratories, Inc. in Pensacola, Florida where they were analyzed for BTEX constituents. The groundwater results are summarized on Table 4, and depicted in Figures 1, 3, and 5. The laboratory analytical reports for the three sampling events are provided in Attachment B. Purged groundwater generated during the 2017 sampling events was disposed at Basin Disposal, Inc. in Bloomfield, New Mexico. Disposal documentation is provided in Attachment C.

Request for Site Closure

Groundwater samples have been obtained at concentrations below the NMOCD standards for four consecutive quarters, as required in the Remediation Work Plan. Based on the results of previous assessment, corrective action, and monitoring activities, EPCGP respectfully requests the NMOCD grant site closure for this case.

If you have any comments or questions concerning this correspondence, please contact me or Joseph Wiley with EPCGP at (713) 420-3475.

Sincerely,

Stantec Consulting Services, Inc.



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/slg:srv:lmd

cc: Joseph Wiley, EPCGP
Brandon Powell, NMOCD
Jillian Aragon, BLM

Tables:

- Table 1 – Soil Analytical Results
- Table 2 – Soil PAH Analytical Results
- Table 3 – Groundwater Elevation Results
- Table 4 – Groundwater BTEX Analytical Results

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- Figure 2 – Groundwater Elevation Map March 28, 2017
- Figure 3 – Groundwater Analytical Results June 7, 2017
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- Figure 5 – Groundwater Analytical Results July 28, 2017
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Attachments:

- Attachment A – Soil Boring Logs and Monitoring Well Construction Reports
- Attachment B – Laboratory Analytical Reports
- Attachment C – Groundwater Disposal Documentation

TABLES

Table 1 – Soil Analytical Results

Table 2 – Soil PAH Analytical Results

Table 3 – Groundwater Elevation Results

Table 4 – Groundwater BTEX Analytical Results

TABLE 1 - SOIL ANALYTICAL RESULTS

| Lindrith B#24 | | | | | | | | | | | |
|------------------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|--------------------|-------------------|--------------------|--------------------|-------------|------------------|
| Location (depth in feet bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | BTEX Total (mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28 (mg/kg) | MRO C28-35 (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
| | NMOCD Criteria: | 10 | NE | NE | NE | 50 | NE | NE | NE | 100 | 600 |
| MW-4 (20-22') | 08/28/14 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW-5 (23-25') | 08/28/14 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW-6 (23-25') | 08/28/14 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW-7 (23-25') | 08/28/14 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DP-1 (22-23) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL |
| DP-1 (24-25) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL |
| DP-1 (29-30) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL |
| DP-2 (23-24) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | 39 | 24 | 63 | BRL |
| DP-3 (22.5-23.5) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | 53 | 24 | 77 | BRL |
| DP-4 (22-23) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | 73 | 36 | 109 | BRL |
| DP-5 (22-23) | 05/24/16 | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL | BRL |

| | |
|----------------|--|
| Notes: | |
| mg/kg | Milligrams per kilogram |
| BRL | Below Reporting Limits |
| NE | New Mexico Oil Conservation Division (NMOCD) Standard Not Established |
| NA | Not Analyzed . Samples were received out of temperature. |
| BTEX | Benzene, toluene, ethylbenzene, xylenes |
| GRO | Gasoline range organics |
| DRO | Diesel range organics |
| MRO | Motor oil range organics |
| Total BTEX | Sum of the detectable concentrations of individual BTEX constituents |
| TPH | Total Petroleum Hydrocarbon concentration is calculated by adding GRO, DRO, and MRO and rounded to the nearest mg/kg. New Mexico Oil Conservation Division closure criteria for groundwater <50 feet below bottom of pit to groundwater less than 10,000 mg/L TDS |
| NMOCD Criteria | Results bolded and highlighted yellow exceed their respective NMOCD Standards |

Table 2 - SOIL PAH ANALYTICAL RESULTS

| Lindrith B#24 PAHs | | | | | | |
|--------------------|----------|-------------------------------|-------------------------------|------------------------|---------------------------------|--------------------------|
| Location | Date | 1-Methylnaphthalene (µg/L) | 2-Methylnaphthalene (µg/L) | Naphthalenes (µg/L) | Total Naphthalenes (µg/L) | Benzo(a)pyrene (µg/L) |
| NMWQCC Standards: | | - | - | - | 30 | 0.7 |
| MW-1R | 03/28/17 | BRL | BRL | BRL | BRL | BRL |

Notes:

"µg/L" = micrograms per liter

"NMWQCC" = New Mexico Water Quality Control Commission (NMWQCC)

"-" NMWQCC Standard is not established

"BRL" = analyte was not detected at the indicated reporting limit.

TABLE 3 - GROUNDWATER ELEVATION RESULTS

| Lindrith B #24 | | | | | | |
|--|----------|---------|----------------------|----------------------|-----------------------|--------------------|
| Location | Date | TOC | Depth to Water (ft.) | Depth to LNAPL (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-1 | 05/27/97 | 6886.46 | 23.90 | NR | | 6862.56 |
| MW-1 | 08/07/97 | 6886.46 | 24.46 | NR | | 6862.00 |
| MW-1 | 11/14/97 | 6886.46 | 24.43 | NR | | 6862.03 |
| MW-1 | 02/04/98 | 6886.46 | 24.58 | NR | | 6861.88 |
| MW-1 | 05/11/98 | 6886.46 | 24.27 | NR | | 6862.19 |
| MW-1 | 08/05/98 | 6886.46 | 24.48 | NR | | 6861.98 |
| MW-1 | 11/16/98 | 6886.46 | 24.21 | NR | | 6862.25 |
| MW-1 | 02/04/99 | 6886.46 | 24.43 | NR | | 6862.03 |
| MW-1 | 05/03/99 | 6886.46 | 24.64 | NR | | 6861.82 |
| MW-1 | 08/17/99 | 6886.46 | 23.96 | NR | | 6862.50 |
| MW-1 | 11/10/99 | 6886.46 | 24.24 | NR | | 6862.22 |
| MW-1 | 02/24/00 | 6886.46 | 24.64 | NR | | 6861.82 |
| MW-1 | 05/18/00 | 6886.46 | 24.40 | NR | | 6862.06 |
| MW-1 | 08/03/00 | 6886.46 | 24.87 | NR | | 6861.59 |
| MW-1 | 11/07/00 | 6886.46 | 25.14 | NR | | 6861.32 |
| MW-1 | 02/13/01 | 6886.46 | 25.29 | 25.26 | 0.03 | 6861.19 |
| MW-1 | 06/06/01 | 6886.46 | 25.31 | NR | | 6861.15 |
| MW-1 | 08/06/01 | 6886.46 | 26.02 | 25.43 | 0.59 | 6860.88 |
| MW-1 | 08/31/01 | 6886.46 | 25.50 | 25.43 | 0.07 | 6861.01 |
| MW-1 | 11/29/01 | 6886.46 | 25.93 | NR | | 6860.53 |
| MW-1 | 02/26/02 | 6886.46 | 25.79 | NR | | 6860.67 |
| MW-1 | 05/20/02 | 6886.46 | 25.98 | NR | | 6860.48 |
| MW-1 | 02/26/03 | 6886.46 | 26.15 | ND | | 6860.31 |
| MW-1 | 05/22/03 | 6886.46 | 26.25 | ND | | 6860.21 |
| MW-1 | 08/18/03 | 6886.46 | 26.80 | 26.51 | 0.29 | 6859.88 |
| MW-1 | 11/26/03 | 6886.46 | 25.90 | 25.89 | 0.01 | 6860.57 |
| MW-1 | 02/23/04 | 6886.46 | 26.09 | ND | | 6860.37 |
| MW-1 | 06/03/04 | 6886.46 | 25.73 | ND | | 6860.73 |
| MW-1 | 08/19/04 | 6886.46 | 26.34 | ND | | 6860.12 |
| MW-1 | 11/29/04 | 6886.46 | 26.56 | ND | | 6859.90 |
| MW-1 | 04/01/14 | 6886.46 | 27.68 | 27.60 | 0.08 | 6858.84 |
| MW-1 | 10/22/14 | 6886.46 | 26.89 | Trace | Trace | 6859.57 |
| MW-1 | 05/28/15 | 6886.46 | 26.67 | Trace | Trace | 6859.79 |
| MW-1 | 11/21/15 | 6886.46 | 27.31 | Trace | Trace | 6859.15 |
| MW-1 | 04/14/16 | 6886.46 | 27.10 | ND | | 6859.36 |
| MW-1 was abandoned and replaced with MW-1R on May 20, 2016 | | | | | | |
| MW-1R | 10/13/16 | 6886.30 | 27.48 | ND | | 6858.82 |
| MW-1R | 03/28/17 | 6886.30 | 26.16 | ND | | 6860.14 |
| MW-1R | 06/07/17 | 6886.30 | 26.24 | ND | | 6860.06 |
| MW-1R | 07/28/17 | 6886.30 | 26.63 | ND | | 6859.67 |

TABLE 3 - GROUNDWATER ELEVATION RESULTS

| Lindrith B #24 | | | | | | |
|----------------|----------|---------|----------------------|----------------------|-----------------------|--------------------|
| Location | Date | TOC | Depth to Water (ft.) | Depth to LNAPL (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-2 | 10/19/99 | 6885.56 | 21.45 | ND | | 6864.11 |
| MW-2 | 10/20/00 | 6885.56 | 22.08 | ND | | 6863.48 |
| MW-2 | 11/29/04 | 6885.56 | 25.39 | ND | | 6860.17 |
| MW-2 | 04/01/14 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 10/22/14 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 05/28/15 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 11/21/15 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 04/14/16 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 10/13/16 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 03/28/17 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 06/07/17 | 6885.56 | DRY | ND | | DRY |
| MW-2 | 07/28/17 | 6885.56 | DRY | ND | | DRY |
| | | | | | | |
| MW-3 | 10/19/99 | 6885.17 | 21.20 | ND | | 6863.97 |
| MW-3 | 10/20/00 | 6885.17 | 22.37 | ND | | 6862.80 |
| MW-3 | 11/29/04 | 6885.17 | 25.79 | ND | | 6859.38 |
| MW-3 | 04/01/14 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 10/22/14 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 05/28/15 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 11/21/15 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 04/14/16 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 10/13/16 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 03/28/17 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 06/07/17 | 6885.17 | DRY | ND | | DRY |
| MW-3 | 07/28/17 | 6885.17 | DRY | ND | | DRY |
| | | | | | | |
| MW-4 | 10/22/14 | 6883.50 | 23.94 | ND | | 6859.56 |
| MW-4 | 05/28/15 | 6883.50 | 23.72 | ND | | 6859.78 |
| MW-4 | 11/21/15 | 6883.50 | 24.35 | ND | | 6859.15 |
| MW-4 | 04/14/16 | 6883.50 | 24.12 | ND | | 6859.38 |
| MW-4 | 10/13/16 | 6883.50 | 24.79 | ND | | 6858.71 |
| MW-4 | 03/28/17 | 6883.50 | 24.44 | ND | | 6859.06 |
| MW-4 | 06/07/17 | 6883.50 | 24.53 | ND | | 6858.97 |
| MW-4 | 07/28/17 | 6883.50 | 24.95 | ND | | 6858.55 |

TABLE 3 - GROUNDWATER ELEVATION RESULTS

| Lindrith B #24 | | | | | | |
|----------------|----------|---------|----------------------|----------------------|-----------------------|--------------------|
| Location | Date | TOC | Depth to Water (ft.) | Depth to LNAPL (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-5 | 10/22/14 | 6885.99 | 26.17 | ND | | 6859.82 |
| MW-5 | 05/28/15 | 6885.99 | 25.96 | ND | | 6860.03 |
| MW-5 | 11/21/15 | 6885.99 | 26.57 | ND | | 6859.42 |
| MW-5 | 04/14/16 | 6885.99 | 26.34 | ND | | 6859.65 |
| MW-5 | 10/13/16 | 6885.99 | 27.02 | ND | | 6858.97 |
| MW-5 | 03/28/17 | 6885.99 | 26.67 | ND | | 6859.32 |
| MW-5 | 06/07/17 | 6885.99 | 26.75 | ND | | 6859.24 |
| MW-5 | 07/28/17 | 6885.99 | 27.18 | ND | | 6858.81 |
| | | | | | | |
| MW-6 | 10/22/14 | 6886.30 | 26.71 | ND | | 6859.59 |
| MW-6 | 05/28/15 | 6886.30 | 26.50 | ND | | 6859.80 |
| MW-6 | 11/21/15 | 6886.30 | 27.13 | ND | | 6859.17 |
| MW-6 | 04/14/16 | 6886.30 | 26.91 | ND | | 6859.39 |
| MW-6 | 10/13/16 | 6886.30 | 27.58 | ND | | 6858.72 |
| MW-6 | 03/28/17 | 6886.30 | 27.23 | ND | | 6859.07 |
| MW-6 | 06/07/17 | 6886.30 | 27.31 | ND | | 6858.99 |
| MW-6 | 07/28/17 | 6886.30 | 27.73 | ND | | 6858.57 |
| | | | | | | |
| MW-7 | 10/22/14 | 6885.29 | 25.95 | ND | | 6859.34 |
| MW-7 | 05/28/15 | 6885.29 | 25.74 | ND | | 6859.55 |
| MW-7 | 11/21/15 | 6885.29 | 26.38 | ND | | 6858.91 |
| MW-7 | 04/14/16 | 6885.29 | 26.15 | ND | | 6859.14 |
| MW-7 | 10/13/16 | 6885.29 | 26.83 | ND | | 6858.46 |
| MW-7 | 03/28/17 | 6885.29 | 26.46 | ND | | 6858.83 |
| MW-7 | 06/07/17 | 6885.29 | 26.55 | ND | | 6858.74 |
| MW-7 | 07/28/17 | 6885.29 | 26.97 | ND | | 6858.32 |

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

TABLE 4 - GROUNDWATER BTEX ANALYTICAL RESULTS

| Lindrith B #24 | | | | | |
|--|----------|-------------------|-------------------|------------------------|-------------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-1 | 05/27/97 | 90.4 | 428 | 97.8 | 822 |
| MW-1 | 08/07/97 | 69.8 | 437 | 85.5 | 785 |
| MW-1 | 11/14/97 | 53.8 | 151 | 59.2 | 564 |
| MW-1 | 02/04/98 | 67.5 | 282 | 122 | 1350 |
| MW-1 | 05/11/98 | 63.9 | 65.6 | 66 | 575 |
| MW-1 | 08/05/98 | 61.2 | 156 | 84.8 | 874 |
| MW-1 | 11/16/98 | 60.2 | 87.7 | 79.2 | 788 |
| MW-1 | 02/04/99 | 48.7 | 23.1 | 62.4 | 668 |
| MW-1 | 05/03/99 | 56.4 | 94.8 | 64.7 | 849 |
| MW-1 | 08/17/99 | 70.3 | 69 | 56.8 | 595 |
| MW-1 | 11/10/99 | 48 | 22 | 40 | 260 |
| MW-1 | 02/24/00 | 120 | 39 | 78 | 830 |
| MW-1 | 05/18/00 | 52 | 5.6 | 53 | 320 |
| MW-1 | 08/03/00 | 41 | < 1.0 | 52 | 420 |
| MW-1 | 11/07/00 | 11 | 12 | 25 | 160 |
| MW-1 | 02/13/01 | 18 | < 1.0 | 23 | 110 |
| MW-1 | 06/06/01 | 9.8 | 0.5 | 16 | 47 |
| MW-1 | 08/06/01 | 110 | 39 | 180 | 1700 |
| MW-1 | 08/31/01 | NS | NS | NS | NS |
| MW-1 | 11/29/01 | 280 | < 1.0 | < 1.0 | 3500 |
| MW-1 | 02/26/02 | 13 | 14 | 46 | 720 |
| MW-1 | 05/20/02 | < 1.0 | < 1.0 | 8.9 | 140 |
| MW-1 | 02/26/03 | 4.3 | 0.8 | 4.7 | 22.5 |
| MW-1 | 05/22/03 | < 1.0 | < 1.0 | 19.7 | 86.2 |
| MW-1 | 08/18/03 | NS | NS | NS | NS |
| MW-1 | 11/26/03 | NS | NS | NS | NS |
| MW-1 | 02/23/04 | < 1.0 | < 1.0 | 23.9 | 81.5 |
| MW-1 | 06/03/04 | 7.1 | 8.7 | 48.6 | 20.4 |
| MW-1 | 08/19/04 | < 1.0 | < 1.0 | 14.8 | 45.2 |
| MW-1 | 11/29/04 | < 1.0 | < 1.0 | 5.7 | 10 |
| MW-1 | 04/01/14 | NS | NS | NS | NS |
| MW-1 | 10/22/14 | NS | NS | NS | NS |
| MW-1 | 05/28/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-1 | 11/21/15 | NS | NS | NS | NS |
| MW-1 | 04/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-1 was abandoned and replaced with MW-1R on May 20, 2016 | | | | | |
| MW-1R | 10/13/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-1R | 03/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-1R | 06/07/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-1R | 07/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |

TABLE 4 - GROUNDWATER BTEX ANALYTICAL RESULTS

| Lindrith B #24 | | | | | |
|-------------------|----------|-------------------|-------------------|------------------------|-------------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-2 | 10/19/99 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-2 | 10/20/00 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-2 | 11/29/04 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| MW-2 | 04/01/14 | NS | NS | NS | NS |
| MW-2 | 10/22/14 | NS | NS | NS | NS |
| MW-2 | 05/28/15 | NS | NS | NS | NS |
| MW-2 | 11/21/15 | NS | NS | NS | NS |
| MW-2 | 04/14/16 | NS | NS | NS | NS |
| MW-2 | 10/13/16 | NS | NS | NS | NS |
| MW-2 | 03/28/17 | NS | NS | NS | NS |
| MW-2 | 06/07/17 | NS | NS | NS | NS |
| MW-2 | 07/28/17 | NS | NS | NS | NS |
| | | | | | |
| MW-3 | 10/19/99 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-3 | 10/20/00 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-3 | 11/29/04 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| MW-3 | 04/01/14 | NS | NS | NS | NS |
| MW-3 | 10/22/14 | NS | NS | NS | NS |
| MW-3 | 05/28/15 | NS | NS | NS | NS |
| MW-3 | 11/21/15 | NS | NS | NS | NS |
| MW-3 | 04/14/16 | NS | NS | NS | NS |
| MW-3 | 10/13/16 | NS | NS | NS | NS |
| MW-3 | 03/28/17 | NS | NS | NS | NS |
| MW-3 | 06/07/17 | NS | NS | NS | NS |
| MW-3 | 07/28/17 | NS | NS | NS | NS |
| | | | | | |
| MW-4 | 10/22/14 | <0.38 | <0.70 | <0.50 | <1.6 |
| MW-4 | 05/28/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-4 | 11/21/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-4 | 04/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-4 | 10/13/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-4 | 03/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-4 | 06/07/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-4 | 07/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |

TABLE 4 - GROUNDWATER BTEX ANALYTICAL RESULTS

| Lindrith B #24 | | | | | |
|-------------------|----------|-------------------|-------------------|------------------------|-------------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-5 | 10/22/14 | <0.38 | <0.70 | <0.50 | <1.6 |
| MW-5 | 05/28/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-5 | 11/21/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-5 | 04/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-5 | 10/13/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-5 | 03/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-5 | 06/07/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-5 | 07/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| | | | | | |
| MW-6 | 10/22/14 | <0.38 | <0.70 | <0.50 | <1.6 |
| MW-6 | 05/28/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 11/21/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-6 | 04/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 10/13/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 03/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 06/07/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 07/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| | | | | | |
| MW-7 | 10/22/14 | <0.38 | <0.70 | <0.50 | <1.6 |
| MW-7 | 05/28/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-7 | 11/21/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-7 | 04/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-7 | 10/13/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-7 | 03/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-7 | 06/07/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-7 | 07/28/17 | <1.0 | <5.0 | <1.0 | <5.0 |

Notes:

"µg/L" = micrograms per liter

Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

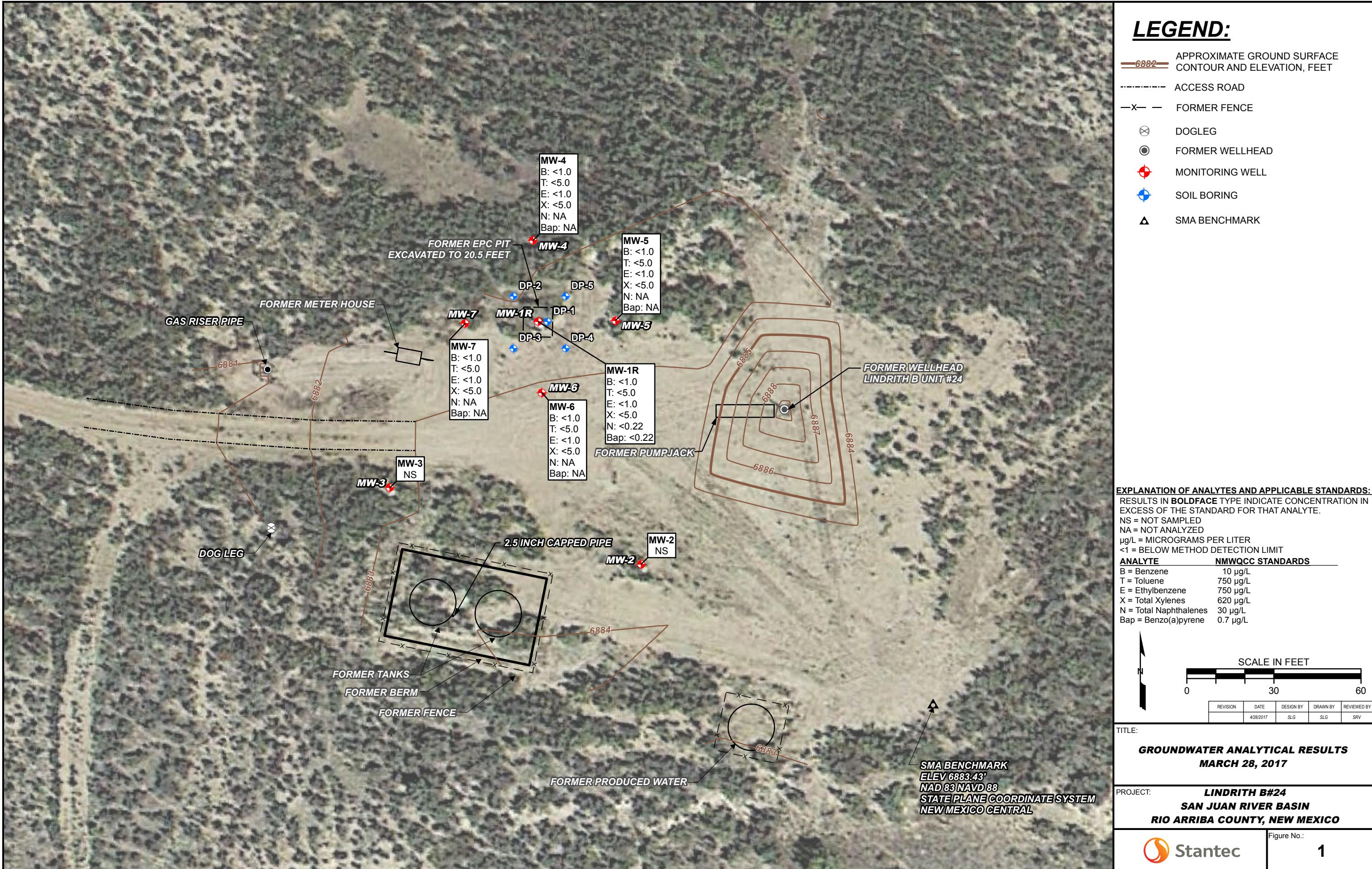
"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result is an approximate value.

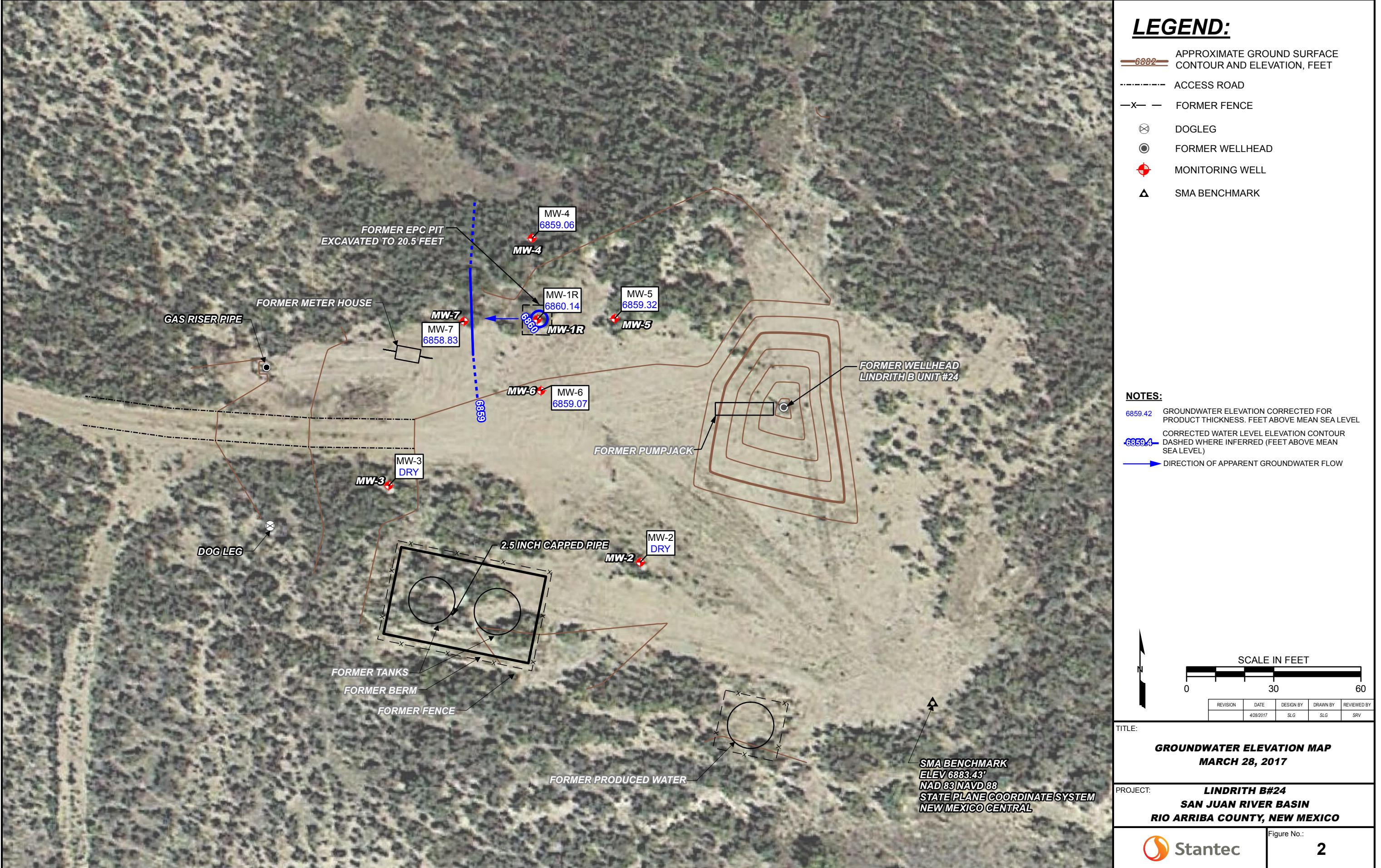
"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

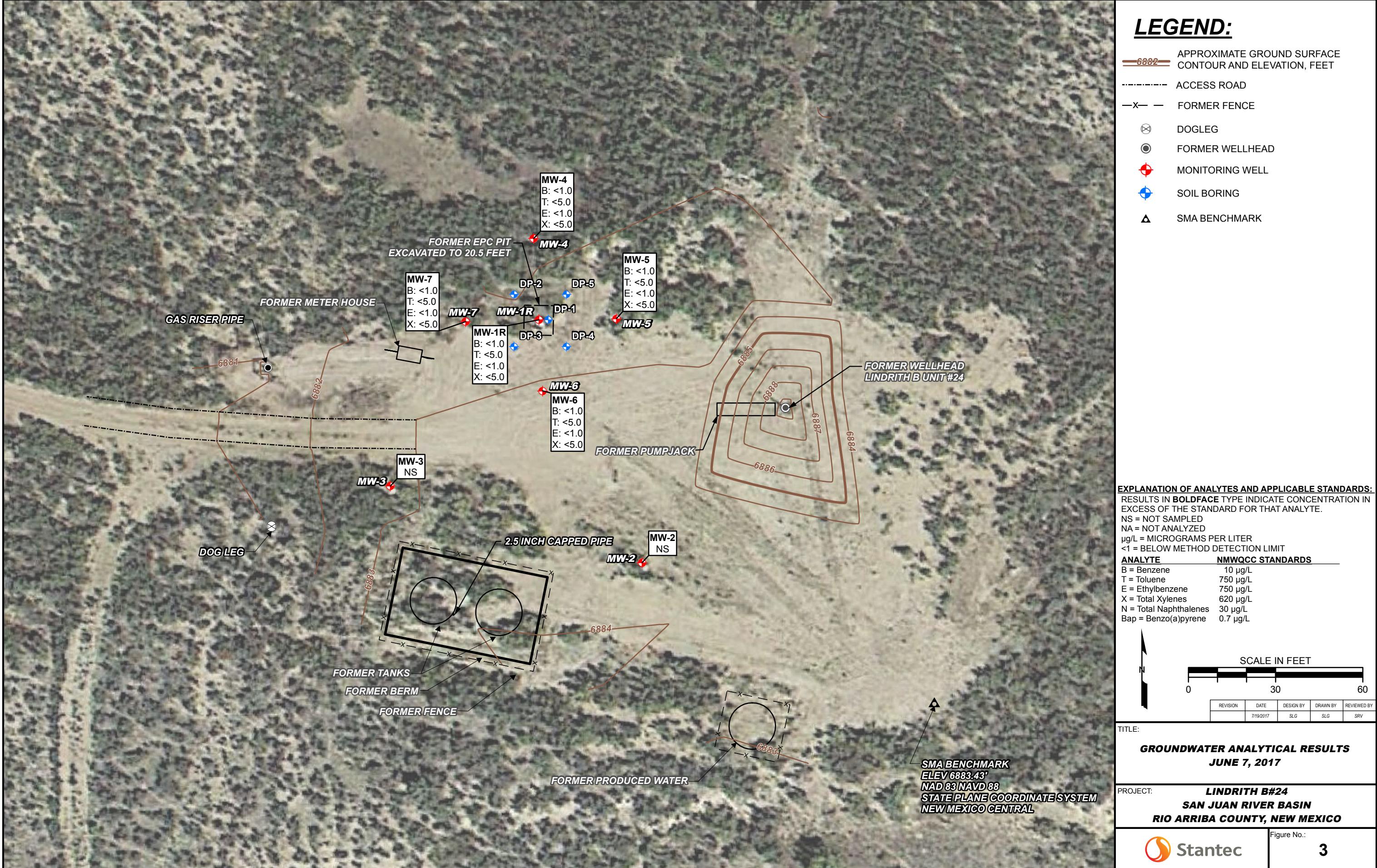
"NS" = Monitoring well not sampled

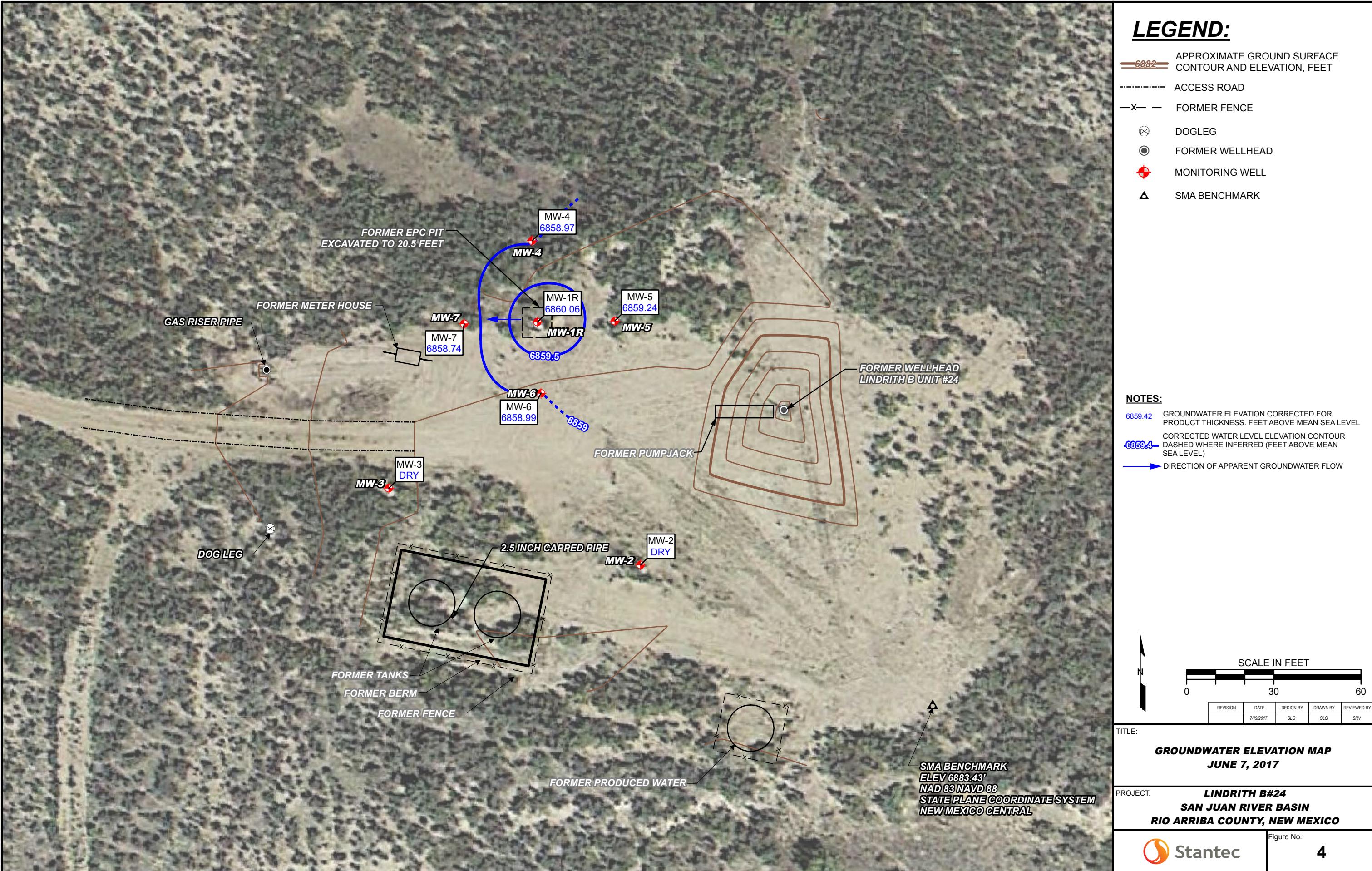
FIGURES

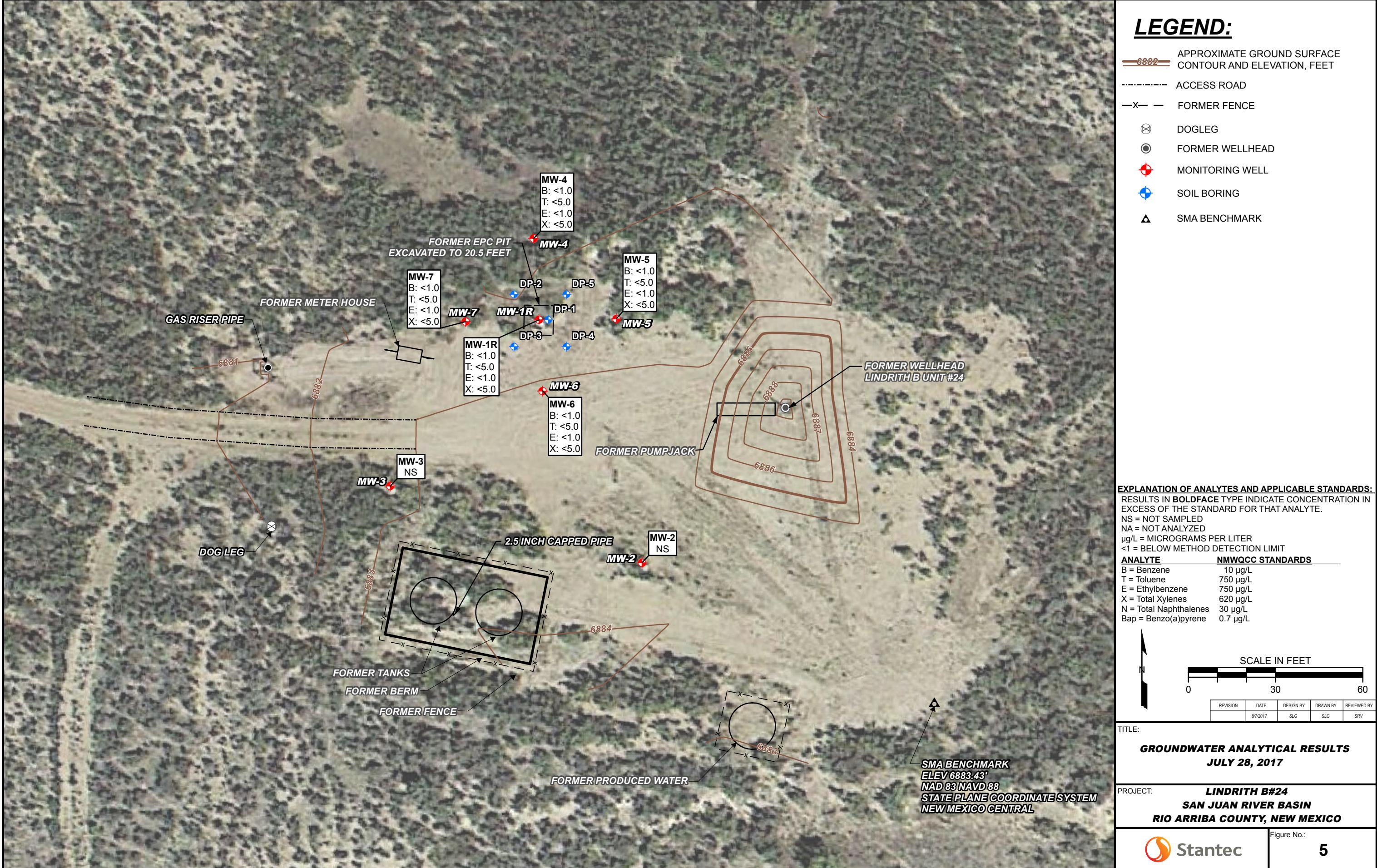
- FIGURE 1 - GROUNDWATER ANALYTICAL RESULTS MARCH 28, 2017
- FIGURE 2 - GROUNDWATER ELEVATION MAP MARCH 28, 2017
- FIGURE 3 - GROUNDWATER ANALYTICAL RESULTS JUNE 7, 2017
- FIGURE 4 - GROUNDWATER ELEVATION MAP JUNE 7, 2017
- FIGURE 5 - GROUNDWATER ANALYTICAL RESULTS JULY 28, 2017
- FIGURE 6 - GROUNDWATER ELEVATION MAP JULY 28, 2017

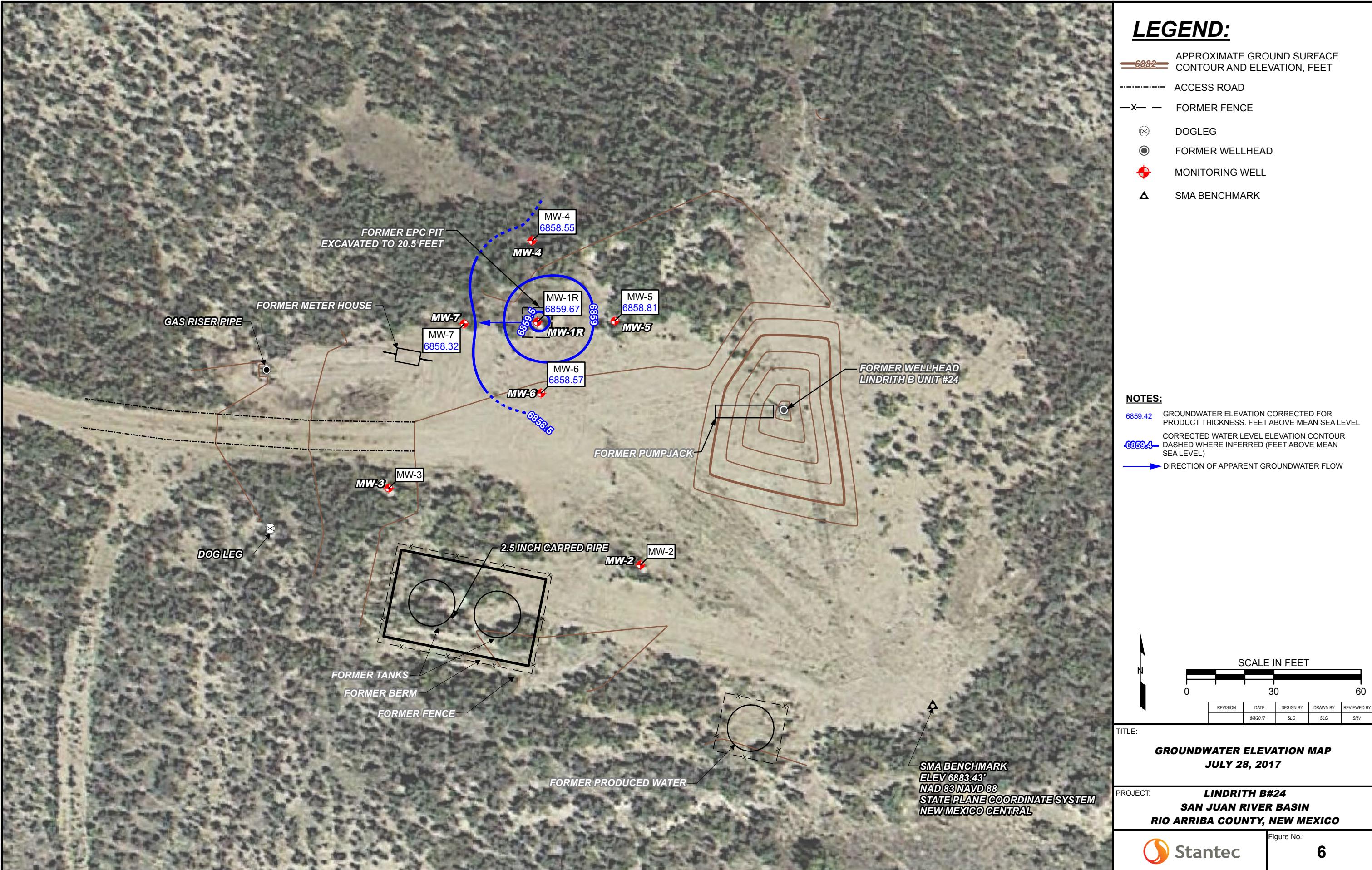












ATTACHMENT A

SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION REPORTS

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1

Well #

Page 1 of 1

Elevation _____
 Borehole Location _____
 GWL Depth CM CHANCE
 Logged By CM CHANCE
 Drilled By M. DONOHUE K. Padilla
 Date/Time Started 6/7/95 - 1045
 Date/Time Completed 6/7/95 - 1150

Project Name EPNG PITS
 Project Number 14509 Phase 6000 / 77
 Project Location Lindcith B#24 94467
 Well Logged By CM Chance
 Personnel On-Site K. Padilla, E. Rivera, D. Salazar
 Contractors On-Site _____
 Client Personnel On-Site _____
 Drilling Method 4 1/4" ID HSA
 Air Monitoring Method PID, CGI

| Depth (Feet) | Sample Number | Sample Interval | Sample Type & Recovery (inches) | Sample Description Classification System: USCS | USCS Symbol | Depth Lithology Change (feet) | Air Monitoring | | | Drilling Conditions & Blow Counts |
|-----------------|------------------|--------------------|--|--|----------------|--|----------------|------------|-----------------------|--------------------------------------|
| | | | | | | | BZ | BH | S | |
| 0 | | | | Backfill 4012' | | | | | | |
| 5 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 15 | 1 | 15+7 | 8" | Redish Br silty SAND, vf-f sand, loose, sl moist, odor. | | 0 | 200 | 955 642 | -10.54 L. | |
| 20 | 2 | 20-22 | 4" | Br silty SAND, vf-f sand, trimmed sand, loose, saturated, strong odor, yellow liquid | | 0 | 460 | 754 795 | -GW @ 19.4' -11.02 | |
| 25 | | | | TDB 22' | | | | | | |
| 30 | | | | | | | | | | |
| 35 | | | | | | | | | | |
| 40 | | | | | | | | | | |

Comments:

Hit groundwater @ 19.7'. Water level rose to 19.4' after 10 min. Yellow liquid on top. Backfill 40 BH w/ 4' Envirogrout + grout to surface. No sample due to poor recovery + high PID.

Geologist Signature

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road
 Farmington, New Mexico 87401
 (505) 326-2262 FAX (505) 326-2388

Borehole # BH 1
 Well # MWI
 Page of

Elevation _____
 Borehole Location 4r N - S9 - T4 - R 3
 GWL Depth 20.5'
 Logged By CM Chance
 Drilled By R. Padilla
 Date/Time Started 5/27/97 - 1000
 Date/Time Completed 5/27/97 - 1125

Project Name EPFs GW PITS
 Project Number 17520 Phase 6002.77
 Project Location Lindarit R 24 94967

Well Logged By CM Chance
 Personnel On-Site D Charles, R. Thompson
 Contractors On-Site _____
 Client Personnel On-Site _____

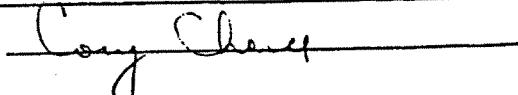
Drilling Method b 1/4 ID HSA
 Air Monitoring Method P10

| Depth (Feet) | Sample Number | Sample Interval | Sample Type & Recovery (inches) | Sample Description Classification System: USCS | USCS Symbol | Depth Lithology Change (feet) | Air Monitoring Units: NDU | | | Drilling Conditions & Blow Counts |
|-----------------|------------------|--------------------|--|---|----------------|--|------------------------------|----|---|--------------------------------------|
| | | | | | | | BZ | BH | S | |
| 0 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 20 | | | | <u>BackFill + D 21'</u> | | | | | | <u>-GW@ 20.5'</u> |
| 25 | | | | <u>Br-gry clayey SAND, rF-F, Saturated</u> | | | | | | |
| 30 | | | | <u>B, SAND, F-mid, saturated</u> | | | | | | |
| 35 | | | | <u>TDB 30'</u> | | | | | | |
| 40 | | | | | | | | | | |

Comments:

No sample collected (backfill to GW). GU @ 20.5' (B6). TDB 30'
Set well

Geologist Signature



MONITORING WELL INSTALLATION RECORD

Philip Environmental Services, Inc.

4000 Monroe Rd.

Farmington, NM 87401

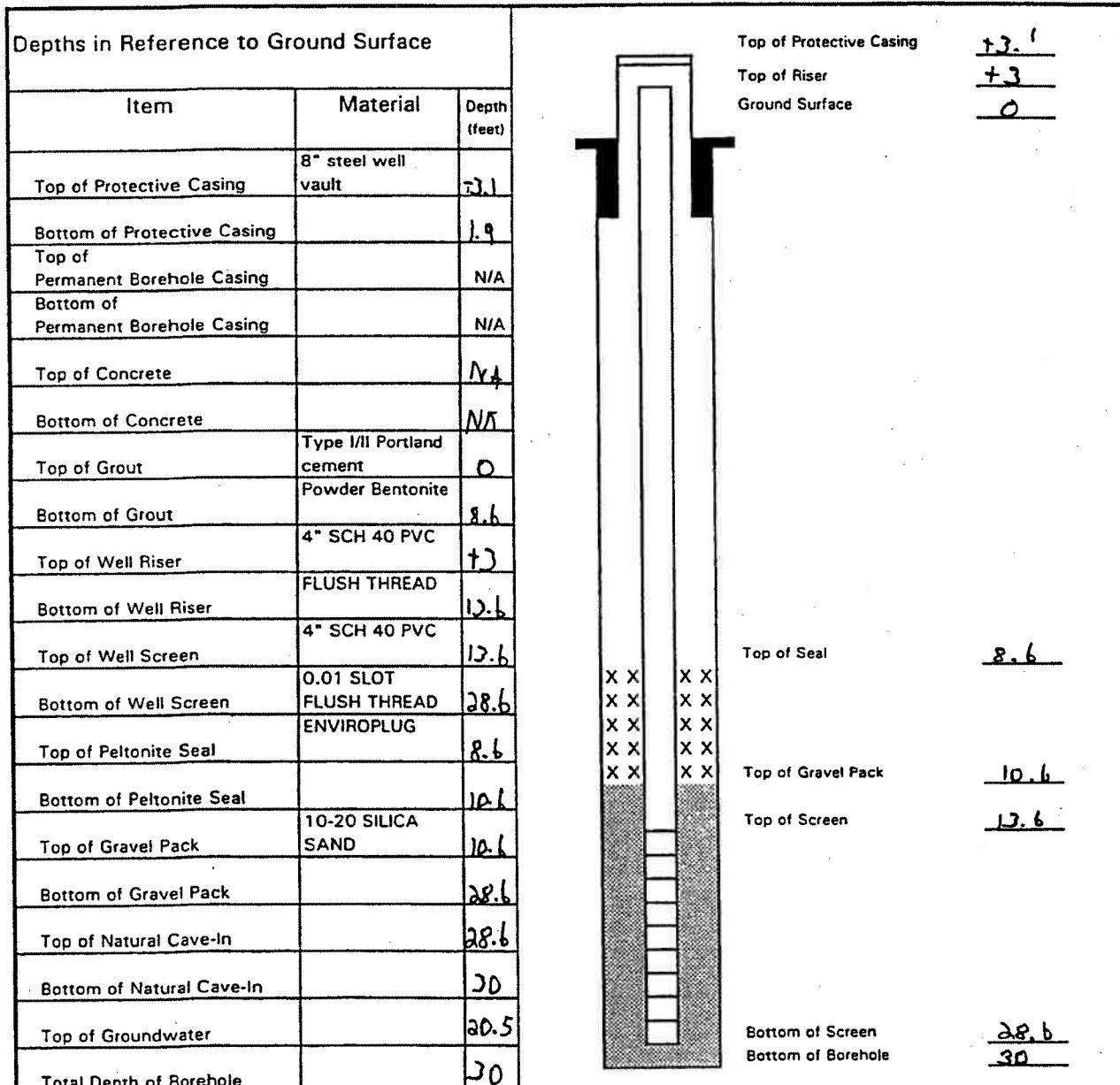
(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1
Well # MW-1
Page 1 of 1

Elevation _____
Well Location T24 R 3 S 9 LTR N
GWL Depth 20.5' BGJ
Installed By K Padilla

| | |
|--------------------------|------------------------------|
| Project Name | EPFS GW |
| Project Number | 17520 |
| Site Location | <u>Lindale B24 94967</u> |
| On-Site Geologist | CM CHANCE |
| Personnel On-Site | <u>D CHARLEY, R THOMPSON</u> |
| Contractors On-Site | _____ |
| Client Personnel On-Site | _____ |

Date/Time Started 5/27/97-1125
Date/Time Completed 5/27/97-1320



Comments: Seal hydrated w/ 5 gal potable water. Locking well cap & padlock placed on well.

Geologist Signature

CM Chance

LOG OF SUBSURFACE EXPLORATION

Sp Environmental Services Corp.

10 Monroe Road
New Mexico 87401
282 FAX (505) 326-2388

Borehole # 1
Well # M.W.2
Page 1 of 2

Project Name EPPS GROUNDWATER
Project Number 62800018 Phase 35
Project Location LINDA Mtn B24

Well Logged By P. CULLICOTT
Personnel On-Site K. PADILLA & D. PADILLA
Contractors On-Site
Client Personnel On-Site

Drilling Method AUGER
Air Monitoring Method DLD

Elevation
Borehole Location T24N R3W S9N
WL Depth 20.6 ft
Logged By P. CULLICOTT
Drilled By K. PADILLA & D. PADILLA
Date/Time Started 10/5/99 10am
Date/Time Completed 10/5/99 11:30am
Project 94567

| Depth (Feet) | Sample Interval | Sample Type & Recovery (Inches) | Sample Description Classification System: USCS | USCS Symbol | Depth Lithology Change (feet) | Air Monitoring Units: NDU | | | Drilling Conditions & Blow Counts |
|-----------------|--------------------|--|--|----------------|--|------------------------------|----|---|--------------------------------------|
| | | | | | | BZ | BH | S | |
| 0 | | | ① SURFACE - GRAVELLY SAND - PAD MATERIAL | | | | | | |
| 5 | ① 5- 7' | | ② 12" RECOVERY LOOSE, POORLY SORTED SAND (FINE → COARSE). WHITE w/ ORANGE STAIN IN PLACES. CLEAN | | | | | | ① 14 BLOWS SS 0.0 ppm |
| 10 | ② 10- 11 1/2" | | ③ FULL RECOVERY MOSTLY GRANULAR LOOSE, POORLY SORTED SAND. 2 patches (a few inches each) w/ higher SILT CONTENT. CLEAN | | | | | | ② 9 BLOWS SS 0.0 ppm |
| 15 | ③ 5- 14' | | ④ 18" RECOVERY LOOSE, POORLY SORTED (BUT) 60% (COARSE) REDDISH BROWN SAND - CLEAN | | | | | | ③ 14 BLOWS SS 0.0 ppm |
| 20 | ④ 20- 22' | | ⑤ 12" RECOVERY. FIRST 6" SATURATED RADISH BROWN MEDIUM SAND BOTTOM 12" SATURATED RADISH BROWN POORLY SORTED SAND FINE → COARSE WT ~21" | | | | | | ④ 10 BLOWS SS 0.0 ppm |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |
| 40 | | | TD 30' | | | | | | |

ments:

SUNNY, COOL
DWL IN MW1 = 21.4'
① BOTTOM OF HOLE; WHEN AUGERS WERE DISCONNECTED FROM
PIG-TREY'S AND ~1 foot. Geologist Signature Cathy Cullicott

MONITORING WELL INSTALLATION RECORD

Environmental Services Corp.

Rio
nw Mexico 87401
126-2262 FAX (505) 326-2388

Location T24N R3W S9N
VL Depth 20.68'
installed By K. PADILLA + D. PADILLA

Date/Time Started 10/5/99 10am
Date/Time Completed 10/5/99 11:30am

METER 94967

Depths in Reference to Ground Surface

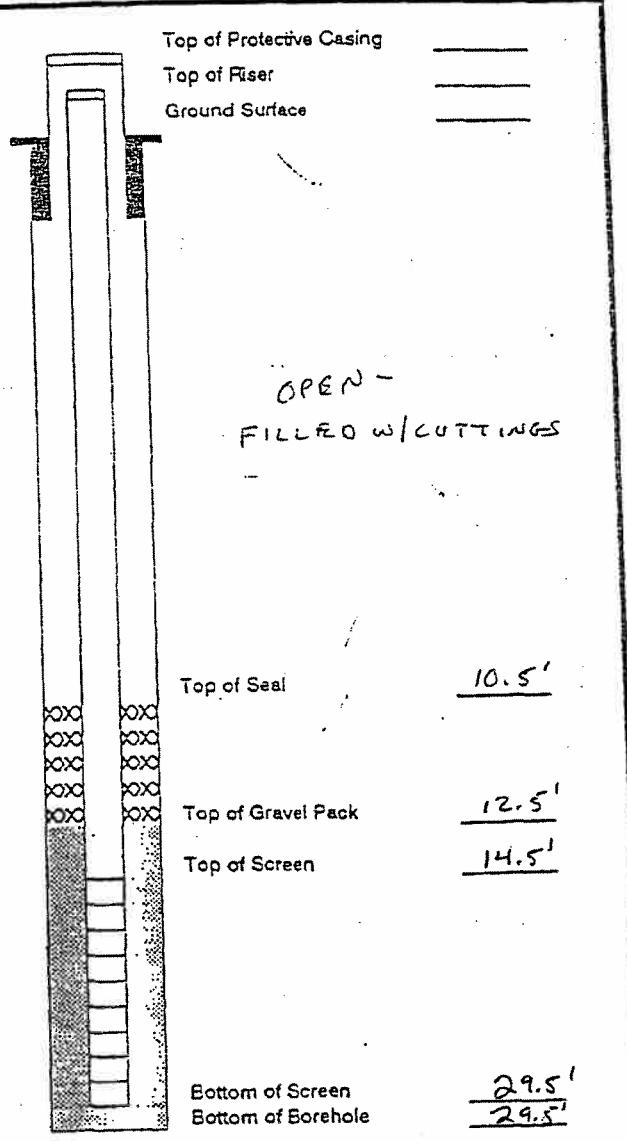
| Item | Material | Depth |
|-------------------------------------|----------|------------|
| Top of Protective Casing | | |
| Bottom of Protective Casing | | |
| Top of Permanent Borehole Casing | | |
| Bottom of Permanent Borehole Casing | | |
| Top of Concrete | | |
| Bottom of Concrete | | |
| Top of Grout | | |
| Bottom of Grout | | |
| Top of Well Riser | 2" | + 14.5' |
| Bottom of Well Riser | 2" | 14.5' |
| Top of Well Screen | 2" | 14.5' |
| Bottom of Well Screen | 2" | 29.5' |
| Top of Peltonite Seal | BENT. | 10.5' |
| Bottom of Peltonite Seal | CHIPS | 12.5' |
| Top of Gravel Pack | CO | 12.5' |
| Bottom of Gravel Pack | SAND | 21.5' |
| Top of Natural Cave-in | | |
| Bottom of Natural Cave-in | | |
| Top of Groundwater | | 20.68' |
| Total Depth of Borehole | | 29.5' |

Borehole # 1
Well # MW 2
Page 2 of 2

Project Name TEPPS GROUND WATER

Project Number 628000 18 Phase 35
Project Location LINDRITH R#24

On-Site Geologist C. CULLICOTT
Personnel On-Site K. PADILLA + D. PADILLA
Contractors On-Site 0
Client Personnel On-Site 0



nts: HOLE WAS DRILLED TO 30', BUT SEDIMENT BACKFILLED
AVENS. WELL SET @ 29' 1/2" TO

Geologist Signature

Cathy Cullicott

WELL DEVELOPED WITH 8 gallons

MOVED 12:30 - 12:50pm. WELL IS GOOD

Producer water was very turbid, the entire time (reddish brown sediment)

DRASTICALLY
Boring

20.75'

RECORD OF SUBSURFACE EXPLORATION

Philip Environmental Services Corp.

4000 Monroe Road
Ft. New Mexico 87401
4-2282 FAX (505) 326-2388

Borehole #

Well #

Page

2
MW3

1 of 2

Project Name PPFS GROUNDWATER
Project Number b2800018 Phase 35
Project Location LINDRITH B #24

Elevation _____
Borehole Location T24 N R 8 W S 9 N
GWL Depth 21'
Logged By C. CULLICOTT
Drilled By R. PADILLA & D. PADILLA
Date/Time Started 10/6/99 11:30am
Date/Time Completed 10/6/99 1:00 pm

Well Logged By C. CULLICOTT
Personnel On-Site R. PADILLA & D. PADILLA
Contractors On-Site Ø
Client Personnel On-Site Ø

Drilling Method AUGER
Air Monitoring Method PID

METER - 94567

| Depth (Feet) | Sample Interval | Sample Type & Recovery (inches) | Sample Description Classification System: USCS | USCS Symbol | Depth Lithology Change feet | Air Monitoring Units: NDU | | | Drilling Conditions & Blow Counts |
|-----------------|--------------------|--|--|----------------|--------------------------------------|------------------------------|----|---|--------------------------------------|
| | | | | | | BZ | BH | S | |
| 0 | | | SURFACE - GRAVELY SAND PAD MATERIAL | | | | | | |
| 5 | ① | 5-7' | ① 8" RECOVERY LOOSE, TAN, SILTY FINE SAND, CLEAN. BROWNISH RED SILT IN THE BOTTOM OR SPLIT SPOON | | | | | | ① 8" BLOWS SS 0.8 ppm |
| 10 | ② | 10- 11½ | ② 12" RECOVERY LOOSE BROWNISH RED POORLY SORTED SAND. SMALL TO SILT @ TOP FEW INCHES OF SAMPLE | | | | | | ② 12 BLOWS SS 0.0 ppm |
| 15 | ③ | 15- 16½ | ③ 12" RECOVERY UPPER 6" BROWNISH RED BROWN ME OCMU SAND LOWER 6" BROWNISH RED POORLY SORTED SAND (FINE → COARSE). | | | | | | ③ 16 BLOWS SS 0.0 ppm |
| 20 | ④ | 20- 21½ | ④ 6" RECOVERY SATURATED POORLY SORTED SAND, 75000 COARSE. WT~21 | | | | | | ④ 9 BLOWS SS ppm |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |
| 40 | | | | | | | | | |

Comments:

Scenic, BREEZY, WARM

Geologist Signature

Cathy Cullcott

MONITORING WELL INSTALLATION RECORD

p Environmental Services Corp.
Road
New Mexico 87401
326-2262 FAX (505) 326-2388

Location T24N R23W S52N
WL Depth 21.1'
Installed By F. PADILLA &
D. PADILLA
Date/Time Started 10/5/99 11:30am
Date/Time Completed 10/5/99 1pm

Meter 94967

Depths in Reference to Ground Surface

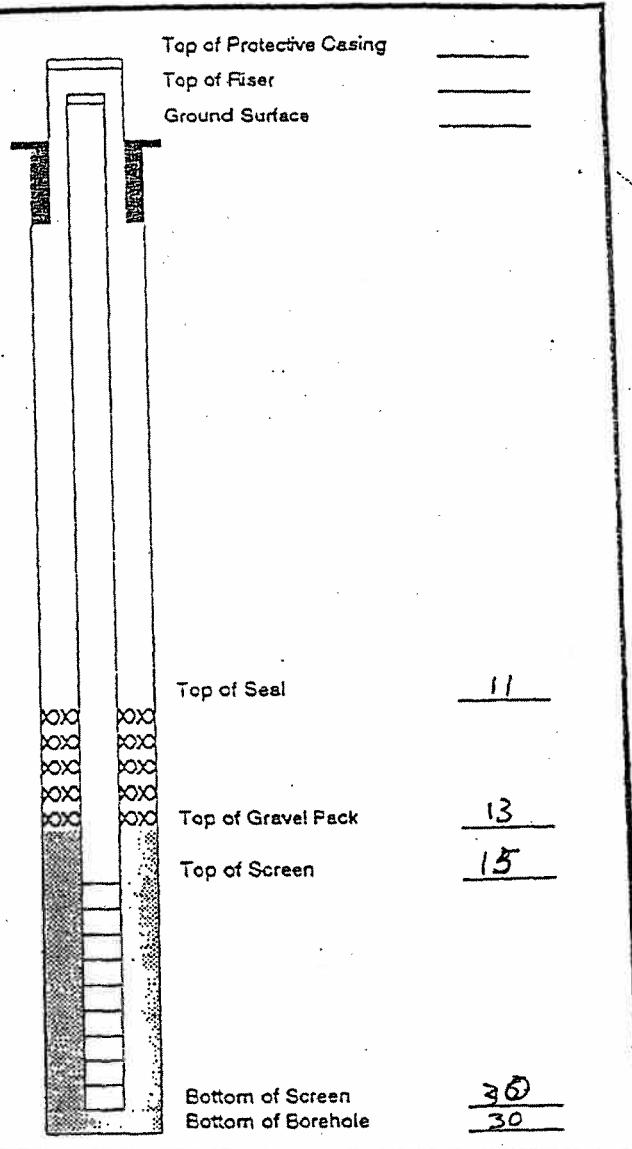
| Item | Material | Depth |
|-------------------------------------|----------|-------|
| Top of Protective Casing | | |
| Bottom of Protective Casing | | |
| Top of Permanent Borehole Casing | | |
| Bottom of Permanent Borehole Casing | | |
| Top of Concrete | | |
| Bottom of Concrete | | |
| Top of Grout | | |
| Bottom of Grout | | |
| Top of Well Riser | 2" | 0 |
| Bottom of Well Riser | 2" | 15 |
| Top of Well Screen | 2" | 15 |
| Bottom of Well Screen | 2" | 30 |
| Top of Feltonite Seal | BENT. | 11 |
| Bottom of Feltonite Seal | CHIERS | 13 |
| Top of Gravel Pack | CO | 13 |
| Bottom of Gravel Pack | SAND | 30 |
| Top of Natural Cave-In | | |
| Bottom of Natural Cave-In | | |
| Top of Groundwater | | 21.1' |
| Total Depth of Borehole | | 70' |

Borehole # 2
Well # MW3
Page 1 of 2

Project Name EPPS GROUNDWATER

Project Number 028000 Phase 35
Project Location LINDRITH RP

On-Site Geologist C. CULLICOTT
Personnel On-Site F. PADILLA & D. PADILLA
Contractors On-Site /
Client Personnel On-Site /



Comments: Some sediment flows into aquifer

DTW AFTER PUNGING = 21.1' Geologist Signature

WELL DEVELOPED w/ 8 gallons

removed 1.05-1.15 gpm well is excellent producer.
water is clear throughout bailina. Brown sed.

Cathy Cullicott



MWH

Drilling Log

Monitoring Well

MW-1R

Page: 1 of 1

Project Lindrith B#24
 Location Rio Arriba County, New Mexico

Owner El Paso CGP Company, LLC
 Project Number 10509728

Surface Elev. 6882.90 ft North NA
 Top of Casing 6885.55 ft Water Level Initial 6859.08 09/29/16
00:00

Static ▼

Hole Depth 32.5 ft Screen: Diameter 4 in Length 15.0 ft Type/Size PVC/0.01 in
 Hole Diameter 18.25 in Casing: Diameter 4 in Length 18.6 ft Type PVC

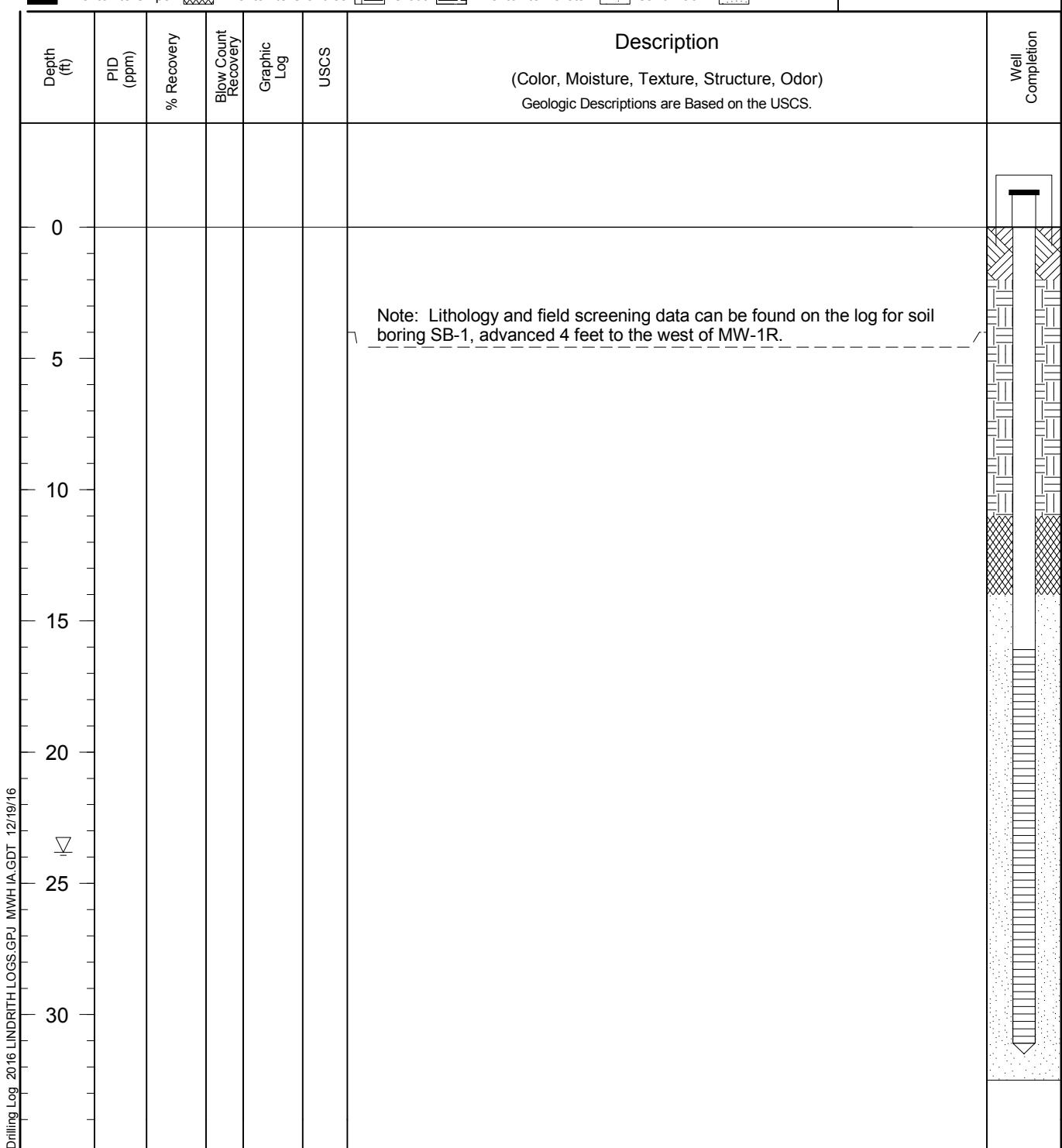
Drill Co. National EWP Drilling Method Hollow Stem Auger Sand Pack 10/20

Driller Gary Whitley Driller Reg. # WD-1210 Log By Brad Barton

Start Date 9/29/2016 Completion Date 9/29/2016 Checked By S. Varsa

Bentonite Chips Bentonite Granules Grout Bentonite Pellets Sand Pack PP Sand Pack

COMMENTS
 Overdrill of MW-1. Surface is dirt with minimal gravel, minor vegetation (sagebrush).





MWH

Drilling Log

Monitoring Well

MW-4

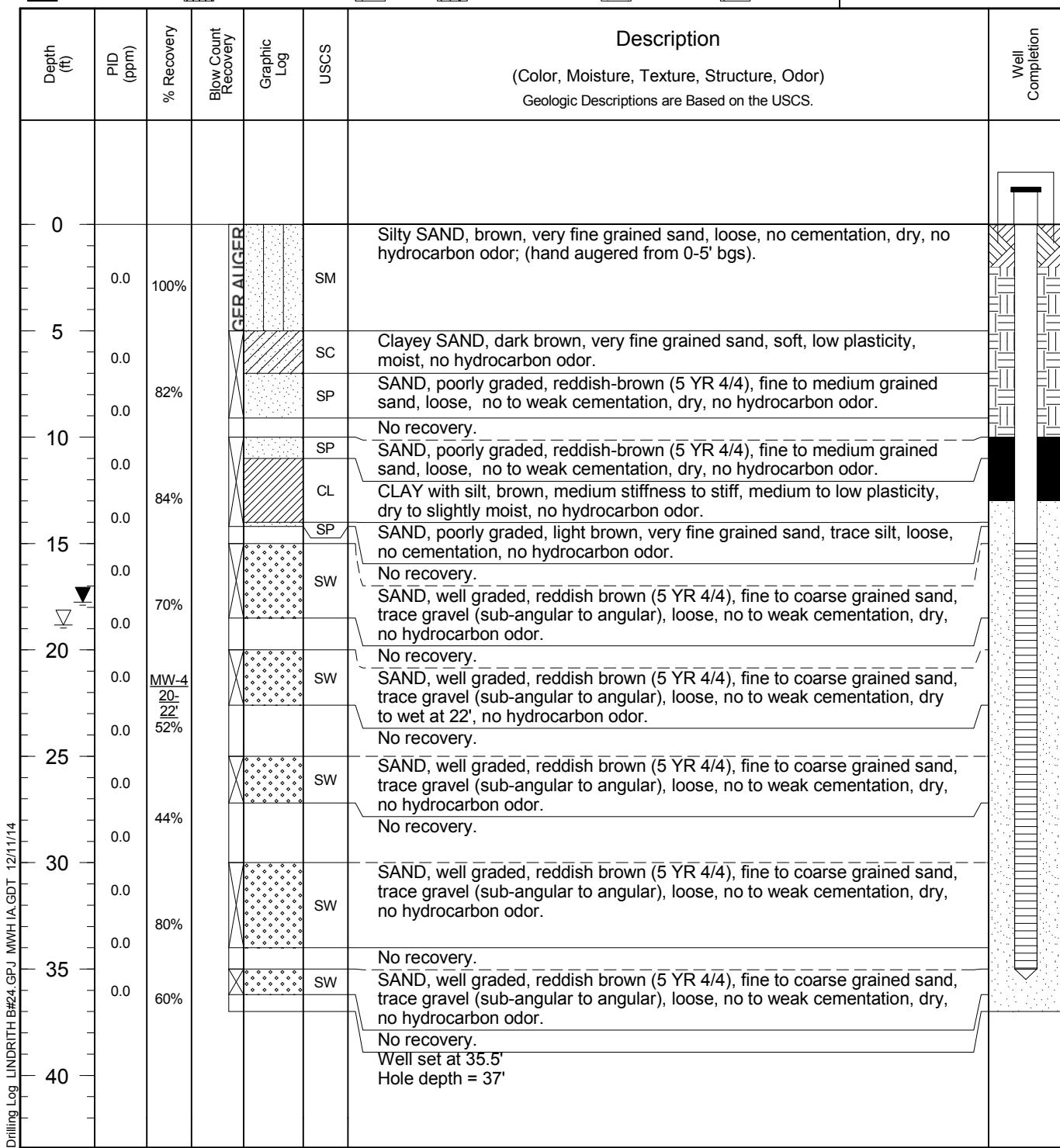
FINAL

Page: 1 of 1

Project Lindrith B#24 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 10504833.010701
 Surface Elev. 6880.33 ft North 1937005.115 East 1370516.773
 Top of Casing 6883.50 ft Water Level Initial 6861.5 08/28/14 00:00 Static 6862.57 08/29/14 00:00
 Hole Depth 37.0ft Screen: Diameter 2 in Length 20.0 ft Type/Size PVC/0.01 in
 Hole Diameter 8.25 in Casing: Diameter 2 in Length 15.0 ft Type PVC
 Drill Co. National EWP Drilling Method Hollow Stem Auger Sand Pack 10-20
 Driller Matt Cain/Bryan Nyduske Driller Reg. # WD-1210 Log By Brad Barton
 Start Date 8/28/2014 Completion Date 8/29/2014 Checked By Jeff Bechtel

Bentonite Grout Bentonite Granules Grout Portland Cement Sand Pack Sand Pack

COMMENTS





MWH

Drilling Log

Monitoring Well

MW-5

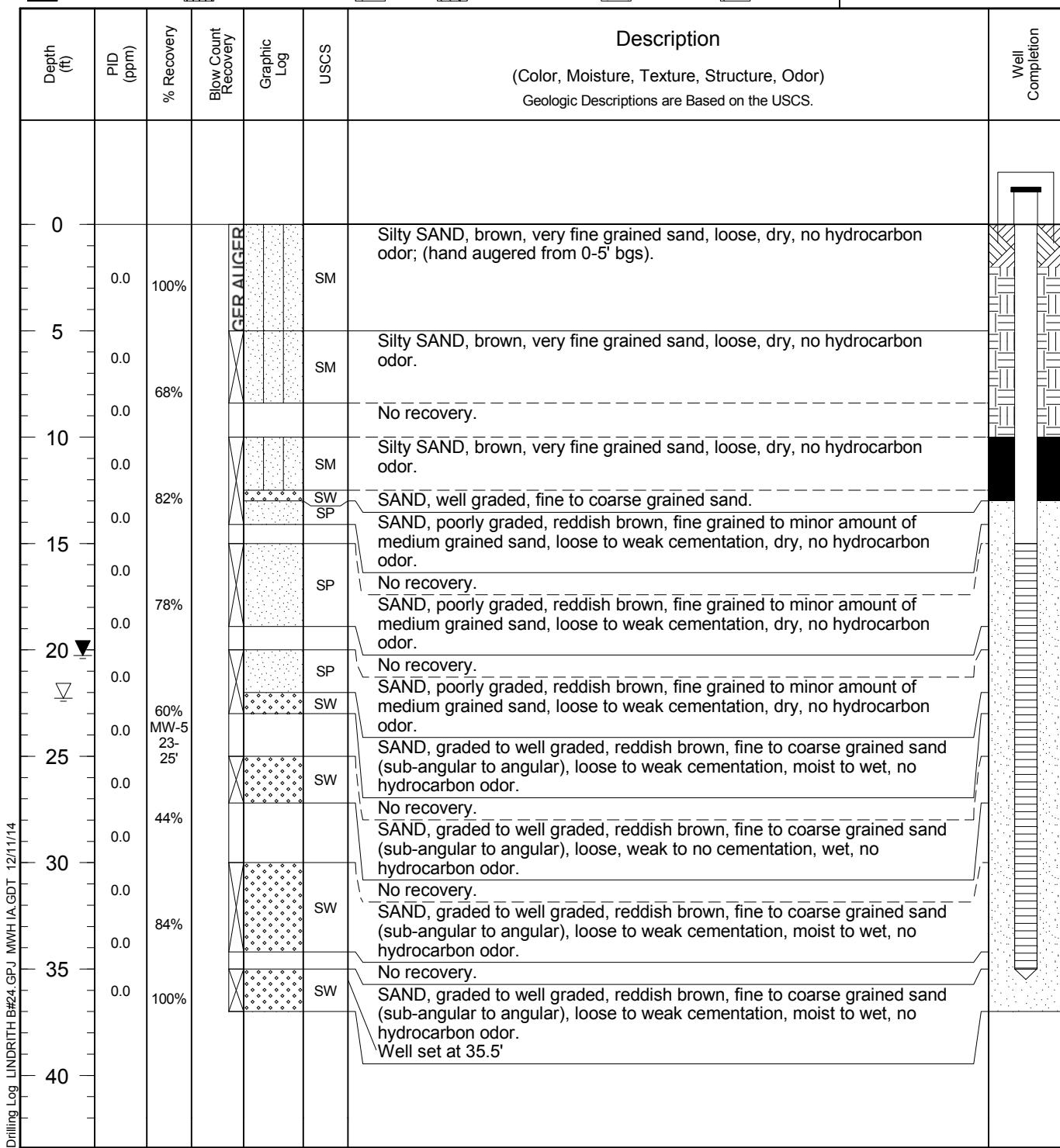
FINAL

Page: 1 of 1

Project Lindrith B#24 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 10504833.010701
 Surface Elev. 6883.26 ft North 1936977.535 East 1370545.212
 Top of Casing 6885.99 ft Water Level Initial 6860.99 08/29/14
00:00 Static 6863 08/29/14
00:00
 Hole Depth 37.0ft Screen: Diameter 2 in Length 20.0 ft Type/Size PVC/0.01 in
 Hole Diameter 8.25 in Casing: Diameter 2 in Length 15.0 ft Type PVC
 Drill Co. National EWP Drilling Method Hollow Stem Auger Sand Pack 10-20
 Driller Matt Cain/Bryan Nyduske Driller Reg. # WD-1210 Log By Brad Barton
 Start Date 8/28/2014 Completion Date 8/29/2014 Checked By Jeff Bechtel

Bentonite Grout Bentonite Granules Grout Portland Cement Sand Pack Sand Pack

COMMENTS





MWH

Drilling Log

Monitoring Well

MW-6

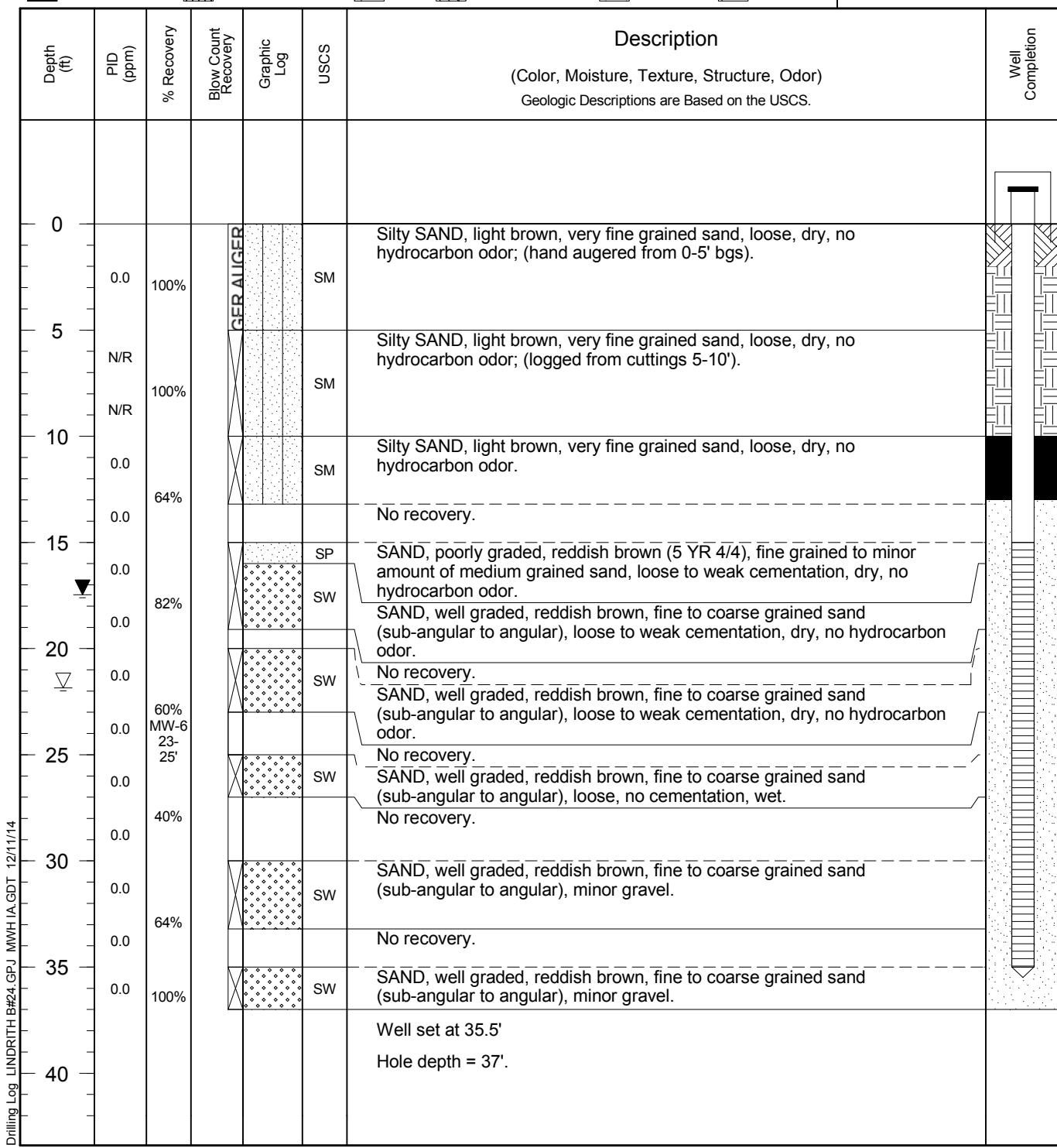
FINAL

Page: 1 of 1

Project Lindrith B#24 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 10504833.010701
 Surface Elev. 6883.15 ft North 1936952.7 East 1370519.815
 Top of Casing 6886.30 ft Water Level Initial 6861.3 08/28/14
00:00 Static 6865.69 08/28/14
00:00
 Hole Depth 37.0ft Screen: Diameter 2 in Length 20.0 ft Type/Size PVC/0.01 in
 Hole Diameter 8.25 in Casing: Diameter 2 in Length 15.0 ft Type PVC
 Drill Co. National EWP Drilling Method Hollow Stem Auger Sand Pack 10-20
 Driller Matt Cain/Bryan Nyduske Driller Reg. # WD-1210 Log By Brad Barton
 Start Date 8/28/2014 Completion Date 8/28/2014 Checked By Jeff Bechtel

Bentonite Grout Bentonite Granules Grout Portland Cement Sand Pack Sand Pack

COMMENTS





MWH

Drilling Log

Monitoring Well

MW-7

FINAL

Page: 1 of 1

Project Lindrith B#24Owner EPCGPCLocation San Juan County, New MexicoProject Number 10504833.010701Surface Elev. 6882.87 ftNorth 1936976.53East 1370493.374Top of Casing 6885.29 ftWater Level Initial 6860.29

08/29/14

00:00

Static 6862.14

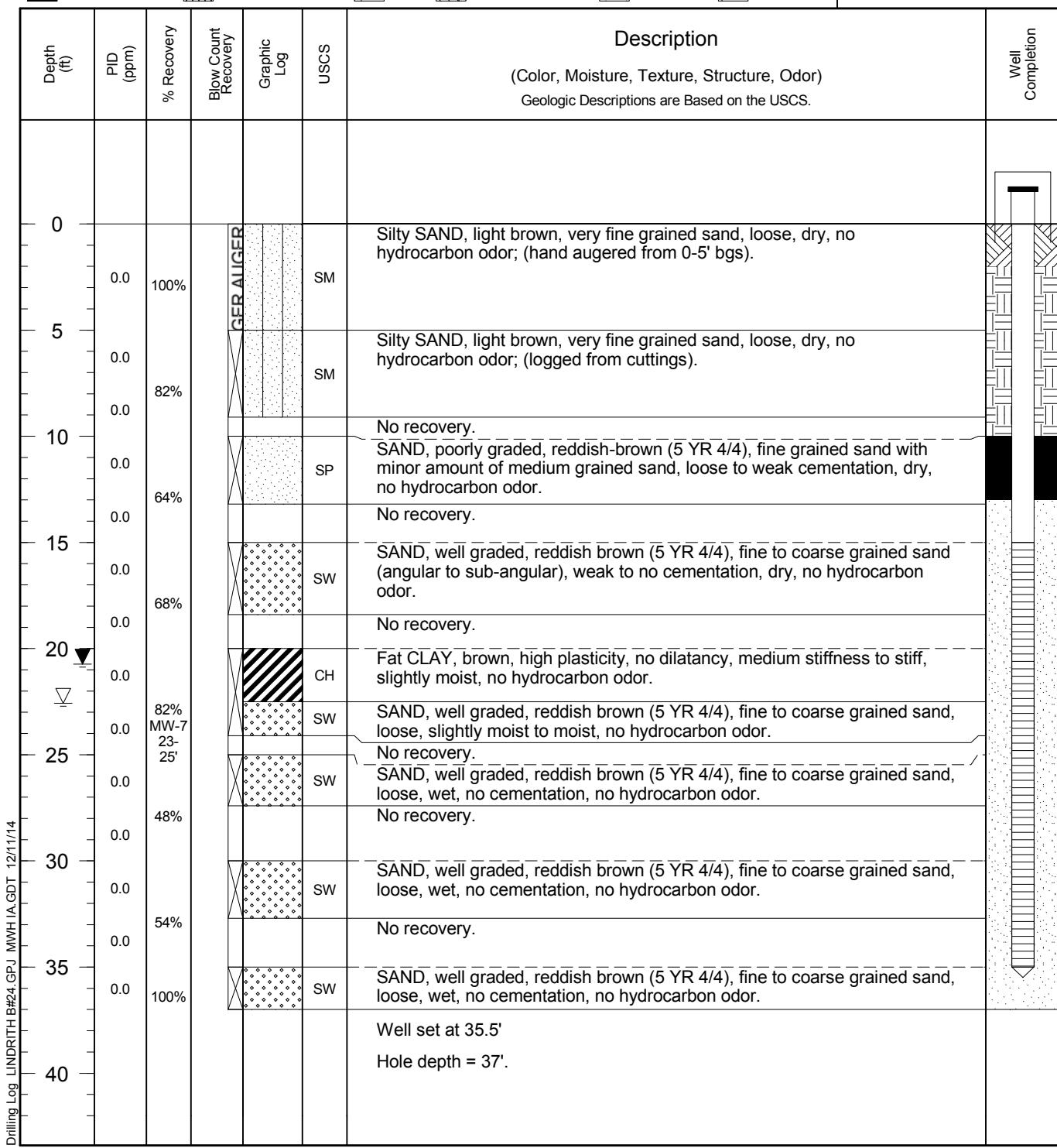
08/29/14

00:00

Hole Depth 37.0ftScreen: Diameter 2 inLength 20.0 ftType/Size PVC/0.01 inHole Diameter 8.25 inCasing: Diameter 2 inLength 15.0 ftType PVCDrill Co. National EWPDrilling Method Hollow Stem AugerSand Pack 10-20Driller Matt Cain/Bryan Nyduske Driller Reg. # WD-1210Log By Brad BartonStart Date 8/28/2014Completion Date 8/29/2014Checked By Jeff Bechtel

Bentonite Grout Bentonite Granules Grout Portland Cement Sand Pack Sand Pack

COMMENTS





MWH

Drilling Log

Soil Boring

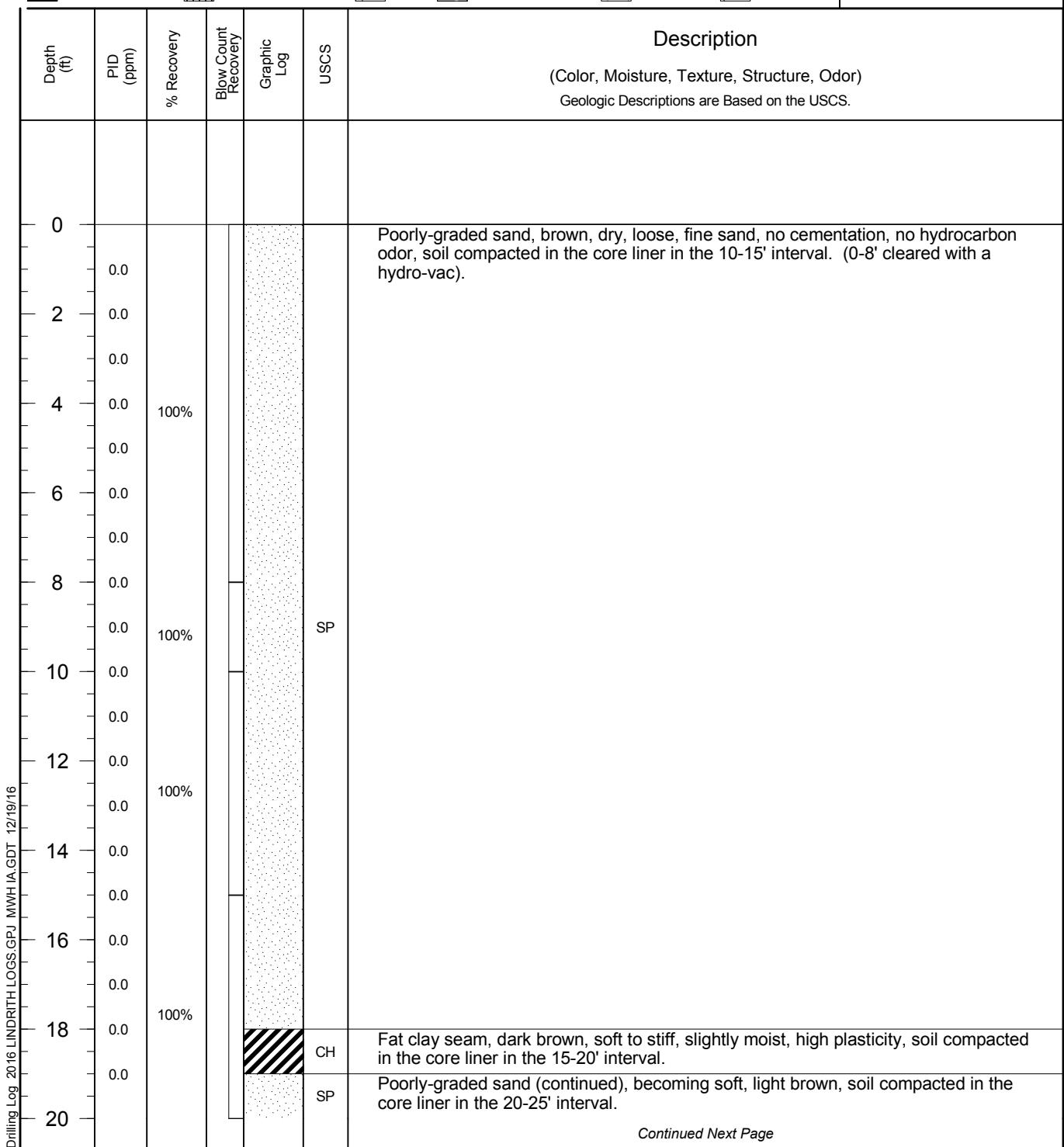
DP-1

Page: 1 of 2

Project Lindrith B#24 Owner El Paso CGP Company, LLC
 Location Rio Arriba County, New Mexico Project Number 10509728
 Surface Elev. NA North NA East NA
 Top of Casing NA Water Level Initial 23.0ft 05/24/16
00:00 Static ▼
 Hole Depth 35.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 2.875 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Direct Push/Dual-tube Sand Pack NA
 Driller Chase Cain Driller Reg. # WD-1705 Log By Brad Barton
 Start Date 5/24/2016 Completion Date 5/24/2016 Checked By S. Varsa

COMMENTS
 5' due east of MW-1. Water level at MW-1 = 27.12 ft. below TOC, ~23.8 ft. below GS.
 Surface is dirt with minimal gravel, minor vegetation (sagebrush).

Bentonite Chips Bentonite Granules Grout Bentonite Pellets Sand Pack PP Sand Pack



Continued Next Page

**MWH****Drilling Log**

Soil Boring

DP-1

Page: 2 of 2

Project Lindrith B#24Owner El Paso CGP Company, LLCLocation Rio Arriba County, New MexicoProject Number 10509728

| Depth (ft) | PID (ppm) | % Recovery | Blow Count Recovery | Graphic Log | USCS | Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS. |
|---------------|----------------------------------|------------|------------------------|----------------|------|--|
| 20 | 0.0 | | | | | <i>Continued</i> |
| 22 | DP1 22- 23' | 100% | | | SP | Well-graded sand, brown, loose, slightly moist, all sand sizes, subangular to subrounded, trace gravels; |
| 24 | DP1 24- 25' | | | | | thin, fat clay seam at 23', very moist, dark brown, soft, high plasticity, water at 23', |
| 26 | | | | | | |
| 28 | | 100% | | | | |
| 29 | DP1 29- 30' | | | | SW | minor black discoloration in sandy matrix at 29-30', no hydrocarbon odor, possible organics. |
| 30 | | | | | | |
| 32 | | 100% | | | | |
| 34 | DP1 34- 35' (not analyzed) | | | | | |
| 36 | | | | | | Total depth = 35'. |
| 38 | | | | | | |
| 40 | | | | | | |
| 42 | | | | | | |
| 44 | | | | | | |
| 46 | | | | | | |



MWH

Drilling Log

Soil Boring

DP-2

Page: 1 of 2

Project Lindrith B#24
 Location Rio Arriba County, New Mexico

Owner El Paso CGP Company, LLC
 Project Number 10509728

Surface Elev. NA North NA East NA
 Top of Casing NA Water Level Initial 24.0ft 05/24/16
00:00 Static ▼

Hole Depth 25.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 2.875 in Casing: Diameter NA Length NA Type NA

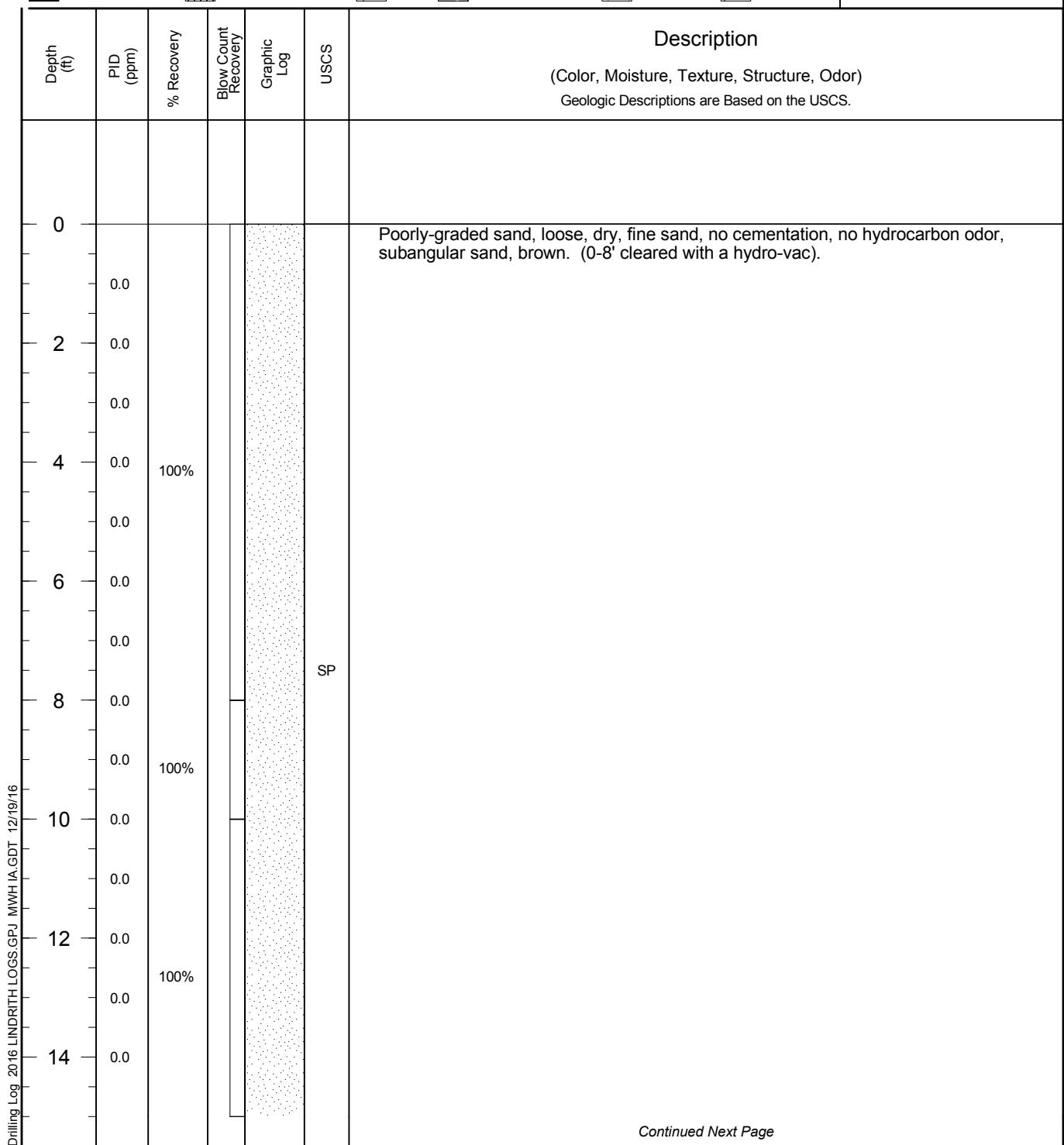
Drill Co. Vista Geoscience Drilling Method Direct Push/Dual-tube Sand Pack NA

Driller Chase Cain Driller Reg. # WD-1705 Log By Brad Barton

Start Date 5/24/2016 Completion Date 5/24/2016 Checked By S. Varsa

Bentonite Chips Bentonite Granules Grout Bentonite Pellets Sand Pack PP Sand Pack

COMMENTS
 11' NW of MW-1. Water level at MW-1 = 27.12 ft. below TOC, ~23.8 ft. below GS. Surface is dirt with minimal gravel, minor vegetation (sagebrush).



**MWH****Drilling Log**

Soil Boring

DP-2

Page: 2 of 2

Project Lindrith B#24Owner El Paso CGP Company, LLCLocation Rio Arriba County, New MexicoProject Number 10509728

| Depth (ft) | PID (ppm) | % Recovery | Blow Count Recovery | Graphic Log | USCS | Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS. |
|---------------|--------------|------------------------|------------------------|----------------|------|--|
| 0.0 | | | | | | <i>Continued</i> |
| 16 | | | | | | |
| 18 | | 100% | | | SP | |
| 20 | | | | SW | | Well-graded sand, brown, loose, all sand sizes, no cementation, no hydrocarbon odor. |
| 22 | | 100% DP2 23- 24' | | CH | | Fat clay seam, dark brown, tight, soft, high plasticity, slightly moist. |
| 24 | | | | | SW | Well-graded sand (continues), water at 24'. |
| 26 | | | | | | Total depth = 25'. |
| 28 | | | | | | |
| 30 | | | | | | |
| 32 | | | | | | |
| 34 | | | | | | |



MWH

Drilling Log

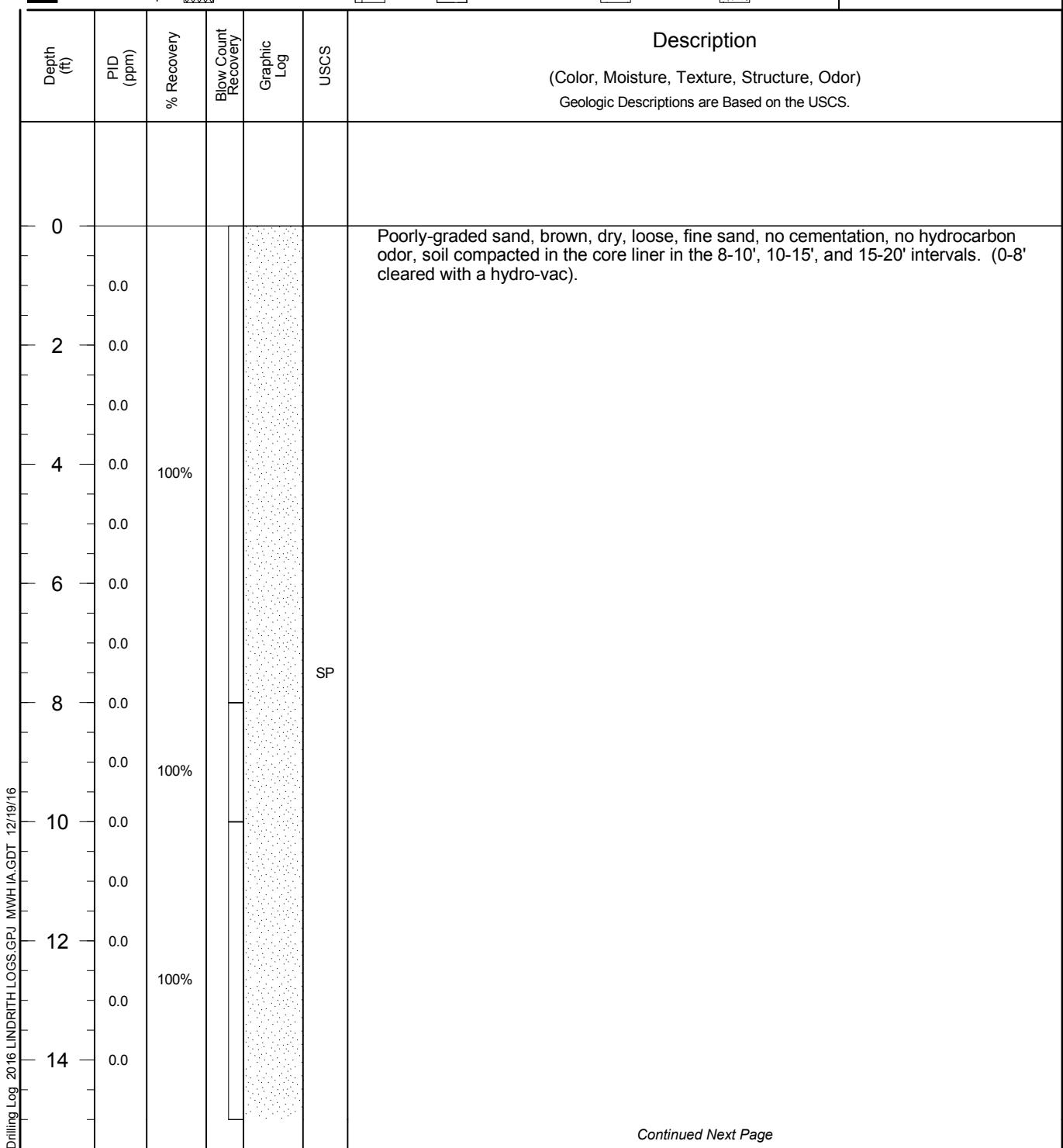
Soil Boring

DP-3

Page: 1 of 2

| | | | | | |
|--|-------------------------------|---------------------|-----------------------|--------------------------|---------------------|
| Project | Lindrith B#24 | | Owner | El Paso CGP Company, LLC | |
| Location | Rio Arriba County, New Mexico | | Project Number | 10509728 | |
| Surface Elev. | NA | North | NA | East | NA |
| Top of Casing | NA | Water Level Initial | 23.5ft | 05/24/16 00:00 | Static |
| Hole Depth | 25.0 ft | Screen: Diameter | NA | Length | NA |
| Hole Diameter | 2.875 in | Casing: Diameter | NA | Length | NA |
| Drill Co. | Vista Geoscience | Drilling Method | Direct Push/Dual-tube | | Sand Pack NA |
| Driller | Chase Cain | Driller Reg. # | WD-1705 | | Log By Brad Barton |
| Start Date | 5/24/2016 | Completion Date | 5/24/2016 | | Checked By S. Varsa |
| <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite Granules <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand Pack <input type="checkbox"/> PP Sand Pack | | | | | |

COMMENTS
 11' SW of MW-1. Water level at MW-1 = 27.12 ft. below TOC, ~23.8 ft. below GS. Surface is dirt with minimal gravel, minor vegetation (sagebrush).





MWH

Drilling Log

Soil Boring

DP-3

Page: 2 of 2

Project Lindrith B#24

Owner *El Paso CGP Company, LLC*

Location *Rio Arriba County, New Mexico*

Project Number 10509728

| Depth (ft) | PID (ppm) | % Recovery | Description (Color, Moisture, Texture, Structure, Odor) | | |
|------------------|--------------------|------------|--|----------------|--------------------|
| | | | Blow Count Recovery | Graphic Log | USCS |
| <i>Continued</i> | | | | | |
| 16 | 0.0 | | | | |
| 18 | 0.0 | 100% | | | |
| 20 | 0.0 | | | | |
| 22 | DP3 22.5- 23.5' | 100% | | | |
| 24 | 0.0 | | | | |
| 26 | | | | | Total depth = 25'. |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |



MWH

Drilling Log

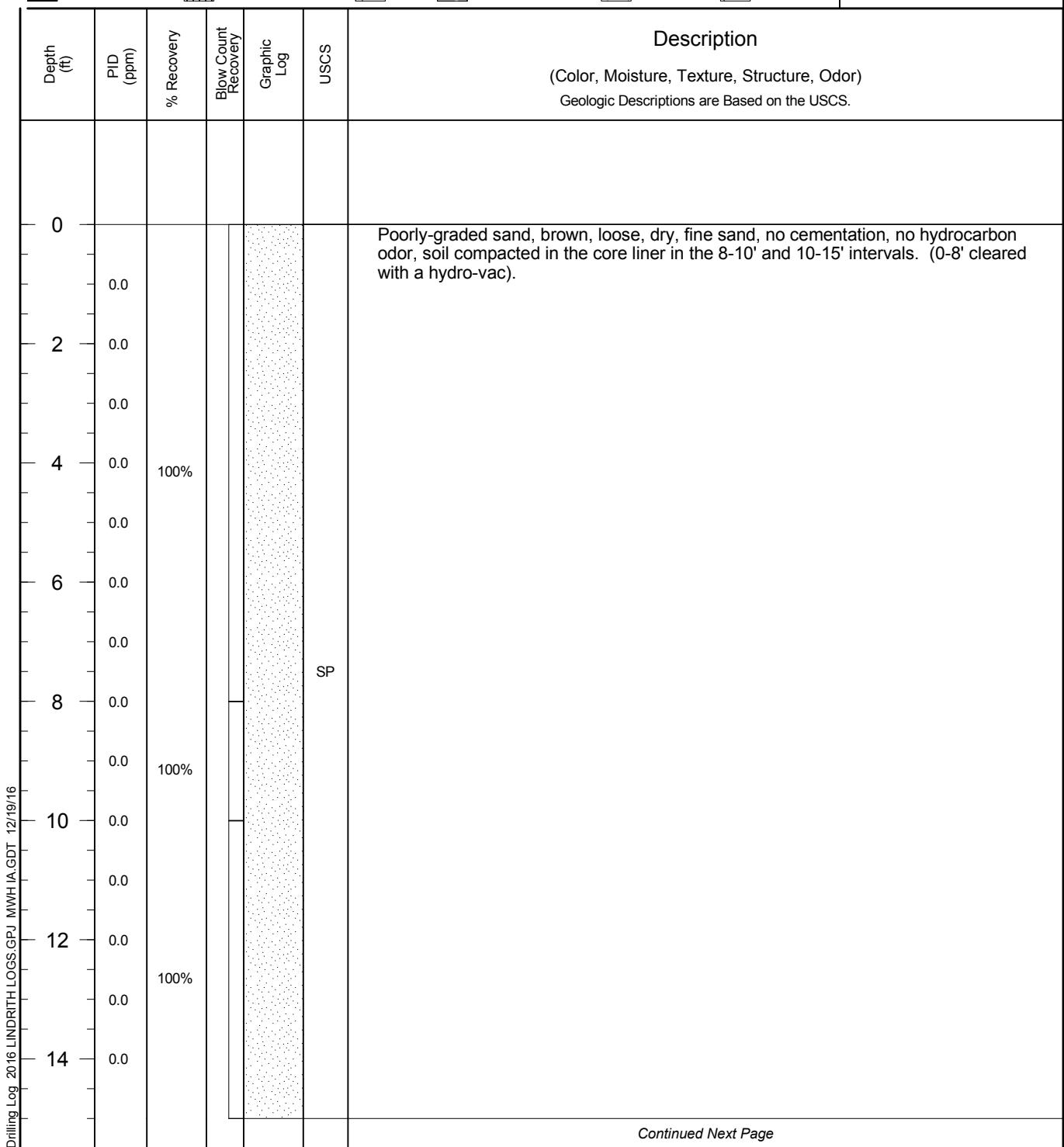
Soil Boring

DP-4

Page: 1 of 2

| | | | | | |
|--|-------------------------------|---------------------|-----------------------|--------------------------|---------------------|
| Project | Lindrith B#24 | | Owner | El Paso CGP Company, LLC | |
| Location | Rio Arriba County, New Mexico | | Project Number | 10509728 | |
| Surface Elev. | NA | North | NA | East | NA |
| Top of Casing | NA | Water Level Initial | 23.0ft | 05/24/16 00:00 | Static |
| Hole Depth | 25.0 ft | Screen: Diameter | NA | Length | NA |
| Hole Diameter | 2.875 in | Casing: Diameter | NA | Length | NA |
| Drill Co. | Vista Geoscience | Drilling Method | Direct Push/Dual-tube | | Sand Pack NA |
| Driller | Chase Cain | Driller Reg. # | WD-1705 | | Log By Brad Barton |
| Start Date | 5/24/2016 | Completion Date | 5/24/2016 | | Checked By S. Varsa |
| <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite Granules <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand Pack <input type="checkbox"/> PP Sand Pack | | | | | |

COMMENTS
 11' SE of MW-1. Water level at MW-1 = 27.12 ft. below TOC, ~23.8 ft. below GS. Surface is dirt with minimal gravel, minor vegetation (sagebrush).



**MWH****Drilling Log**

Soil Boring

DP-4

Page: 2 of 2

Project Lindrith B#24Owner El Paso CGP Company, LLCLocation Rio Arriba County, New MexicoProject Number 10509728

| Depth (ft) | PID (ppm) | % Recovery | Blow Count Recovery | Graphic Log | USCS | Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS. |
|---------------|--------------|----------------|------------------------|----------------|------|--|
| | | | | | | <i>Continued</i> |
| 0.0 | | | | | CH | Fat clay seam, soft to medium stiff, slightly moist, high plasticity, no hydrocarbon odor, dark brown. |
| 16 | 0.0 | | | | SP | Poorly-graded sand (continues). |
| 18 | 0.0 | 100% | | | | Well-graded sand, brown, loose, all sand sizes, no cementation, trace rounded gravel, subangular to subrounded sand, no hydrocarbon odor, soil compacted in the core liner in the 15-20' and 20-25' intervals; |
| 20 | 0.0 | | | | | thin, dark brown clay seams intermittently from 21-23'; water at 23'. |
| 22 | 0.0 | DP4 22- 23' | 100% | | SW | |
| 24 | 0.0 | | | | | |
| 26 | 0.0 | | | | | Total depth = 25'. |
| 28 | 0.0 | | | | | |
| 30 | 0.0 | | | | | |
| 32 | 0.0 | | | | | |
| 34 | 0.0 | | | | | |



MWH

Drilling Log

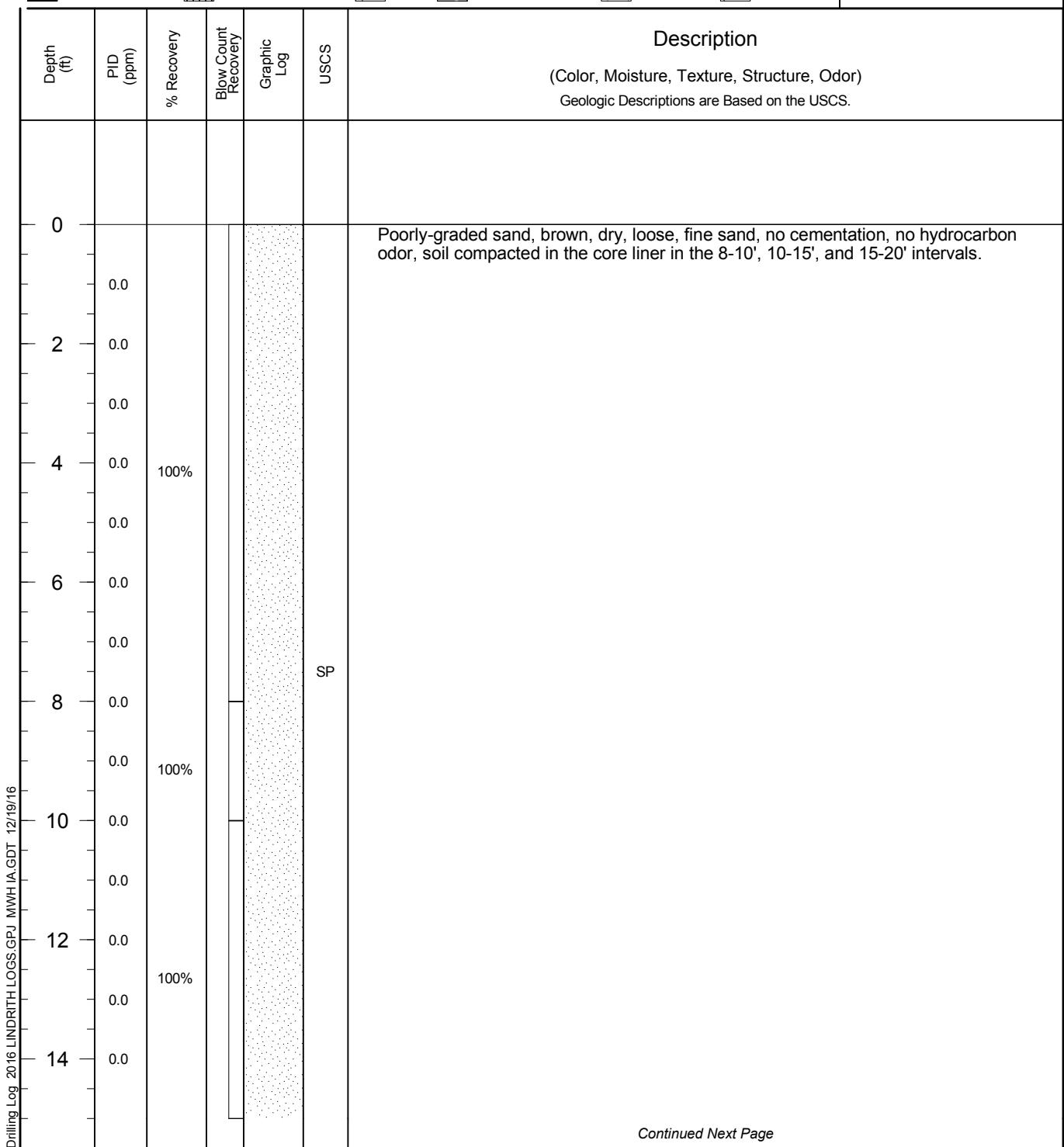
Soil Boring

DP-5

Page: 1 of 2

| | | | | | | | |
|--|-------------------------------|---------------------|-----------------------|-------------------|--------------------------|------------|-------------|
| Project | Lindrith B#24 | | | Owner | El Paso CGP Company, LLC | | |
| Location | Rio Arriba County, New Mexico | | | Project Number | 10509728 | | |
| Surface Elev. | NA | North | NA | East | NA | | |
| Top of Casing | NA | Water Level Initial | 23.0ft | 05/24/16 00:00 | Static | ▼ | |
| Hole Depth | 25.0 ft | Screen: Diameter | NA | Length | NA | Type/Size | NA |
| Hole Diameter | 2.875 in | Casing: Diameter | NA | Length | NA | Type | NA |
| Drill Co. | Vista Geoscience | Drilling Method | Direct Push/Dual-tube | | | Sand Pack | NA |
| Driller | Chase Cain | Driller Reg. # | WD-1705 | | | Log By | Brad Barton |
| Start Date | 5/24/2016 | Completion Date | 5/24/2016 | | | Checked By | S. Varsa |
| <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite Granules <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand Pack <input type="checkbox"/> PP Sand Pack | | | | | | | |

COMMENTS
 11' NE of MW-1. Water level at MW-1 = 27.12 ft. below TOC, ~23.8 ft. below GS. Surface is dirt with minimal gravel, minor vegetation (sagebrush).



**MWH****Drilling Log**

Soil Boring

DP-5

Page: 2 of 2

Project Lindrith B#24Owner El Paso CGP Company, LLCLocation Rio Arriba County, New MexicoProject Number 10509728

| Depth (ft) | PID (ppm) | % Recovery | Blow Count Recovery | Graphic Log | USCS | Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS. |
|---------------|--------------|----------------|------------------------|----------------|------|---|
| | | | | | | <i>Continued</i> |
| 16 | 0.0 | | | | | |
| 18 | 0.0 | 100% | | | SP | Well-graded sand, brown, dry, slightly moist at 21', water at 23', loose, all sand sizes, no cementation, no hydrocarbon odor, soil compacted in the core liner in the 20-25' interval. |
| 20 | 0.0 | | | | | |
| 22 | 0.0 | DP5 22- 23' | 100% | | SW | |
| 24 | 0.0 | | | | | |
| 26 | 0.0 | | | | | Total depth = 25'. |
| 28 | | | | | | |
| 30 | | | | | | |
| 32 | | | | | | |
| 34 | | | | | | |

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive
Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-135864-1

Client Project/Site: El Paso CGP Company, LLC-Lindrith B #24
Revision: 1

For:

Stantec Consulting Services Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Authorized for release by:

4/13/2017 4:47:17 PM

Carol Webb, Project Manager II
(850)471-6250
carol.webb@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?

Ask
The
Expert

Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

| | |
|----------------|---|
| □ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

1

2

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10

11

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14

Case Narrative

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Job ID: 400-135864-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-135864-1

Comments

No additional comments.

Receipt

The samples were received on 3/30/2017 8:47 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 400-348396.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-1R

Lab Sample ID: 400-135864-1

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-135864-2

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-135864-3

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-135864-4

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-135864-5

No Detections.

Client Sample ID: TRIP BLANK (3/28/17)

Lab Sample ID: 400-135864-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Sample Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|----------------------|--------|----------------|----------------|
| 400-135864-1 | MW-1R | Water | 03/28/17 10:55 | 03/30/17 08:47 |
| 400-135864-2 | MW-4 | Water | 03/28/17 11:02 | 03/30/17 08:47 |
| 400-135864-3 | MW-5 | Water | 03/28/17 11:10 | 03/30/17 08:47 |
| 400-135864-4 | MW-6 | Water | 03/28/17 11:18 | 03/30/17 08:47 |
| 400-135864-5 | MW-7 | Water | 03/28/17 11:24 | 03/30/17 08:47 |
| 400-135864-6 | TRIP BLANK (3/28/17) | Water | 03/28/17 10:40 | 03/30/17 08:47 |

TestAmerica Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-1R

Date Collected: 03/28/17 10:55

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-1

Matrix: Water

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------|-----------|------|------|---|----------------|----------------|---------|
| Benzo[a]pyrene | <0.22 | | 0.22 | ug/L | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |
| 1-Methylnaphthalene | <0.22 | | 0.22 | ug/L | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |
| 2-Methylnaphthalene | <0.22 | | 0.22 | ug/L | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |
| Naphthalene | <0.22 | | 0.22 | ug/L | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |

Surrogate

| | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac | |
|------------------|-----------|-----------|----------|----------|----------------|----------------|---|
| 2-Fluorobiphenyl | 88 | | 15 - 122 | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |
| Nitrobenzene-d5 | 96 | | 19 - 130 | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |
| Terphenyl-d14 | 98 | | 33 - 138 | | 04/04/17 16:10 | 04/05/17 20:10 | 1 |

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 04/05/17 23:09 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 04/05/17 23:09 | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | | 04/05/17 23:09 | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | | 04/05/17 23:09 | 1 |

Surrogate

| | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| a,a,a-Trifluorotoluene (pid) | 109 | | 78 - 124 | | 04/05/17 23:09 | 1 |

TestAmerica Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-4

Date Collected: 03/28/17 11:02

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 04/05/17 21:10 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 04/05/17 21:10 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 04/05/17 21:10 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 04/05/17 21:10 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 110 | | 78 - 124 | | | 04/05/17 21:10 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-5

Date Collected: 03/28/17 11:10

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 04/06/17 02:07 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 04/06/17 02:07 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 04/06/17 02:07 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 04/06/17 02:07 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 111 | | 78 - 124 | | | 04/06/17 02:07 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-6

Date Collected: 03/28/17 11:18

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-4

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 04/06/17 03:06 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 04/06/17 03:06 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 04/06/17 03:06 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 04/06/17 03:06 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 110 | | 78 - 124 | | | 04/06/17 03:06 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-7

Date Collected: 03/28/17 11:24

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-5

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 04/06/17 04:05 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 04/06/17 04:05 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 04/06/17 04:05 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 04/06/17 04:05 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 109 | | 78 - 124 | | | 04/06/17 04:05 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: TRIP BLANK (3/28/17)

Lab Sample ID: 400-135864-6

Matrix: Water

Date Collected: 03/28/17 10:40

Date Received: 03/30/17 08:47

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 04/05/17 20:11 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 04/05/17 20:11 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 04/05/17 20:11 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 04/05/17 20:11 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 111 | | 78 - 124 | | | 04/05/17 20:11 | | 1 |

QC Association Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

GC/MS Semi VOA

Prep Batch: 348396

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-135864-1 | MW-1R | Total/NA | Water | 3520C | |
| MB 400-348396/1-A | Method Blank | Total/NA | Water | 3520C | |
| LCS 400-348396/2-A | Lab Control Sample | Total/NA | Water | 3520C | |
| LCSD 400-348396/3-A | Lab Control Sample Dup | Total/NA | Water | 3520C | |

Analysis Batch: 348523

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 400-135864-1 | MW-1R | Total/NA | Water | 8270C LL | 348396 |
| MB 400-348396/1-A | Method Blank | Total/NA | Water | 8270C LL | 348396 |
| LCS 400-348396/2-A | Lab Control Sample | Total/NA | Water | 8270C LL | 348396 |
| LCSD 400-348396/3-A | Lab Control Sample Dup | Total/NA | Water | 8270C LL | 348396 |

GC VOA

Analysis Batch: 348498

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|----------------------|-----------|--------|--------|------------|
| 400-135864-1 | MW-1R | Total/NA | Water | 8021B | |
| 400-135864-2 | MW-4 | Total/NA | Water | 8021B | |
| 400-135864-3 | MW-5 | Total/NA | Water | 8021B | |
| 400-135864-4 | MW-6 | Total/NA | Water | 8021B | |
| 400-135864-5 | MW-7 | Total/NA | Water | 8021B | |
| 400-135864-6 | TRIP BLANK (3/28/17) | Total/NA | Water | 8021B | |
| MB 400-348498/3 | Method Blank | Total/NA | Water | 8021B | |
| LCS 400-348498/1002 | Lab Control Sample | Total/NA | Water | 8021B | |
| 400-135864-1 MS | MW-1R | Total/NA | Water | 8021B | |
| 400-135864-1 MSD | MW-1R | Total/NA | Water | 8021B | |

TestAmerica Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Method: 8270C LL - Semivolatile Organic Compounds by GCMS - Low Levels

Lab Sample ID: MB 400-348396/1-A

Matrix: Water

Analysis Batch: 348523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 348396

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------------|-----------------|------|------|----------------|----------------|----------|---------|
| Benzo[a]pyrene | <0.20 | | 0.20 | ug/L | 04/04/17 16:10 | 04/05/17 19:01 | | 1 |
| 1-Methylnaphthalene | <0.20 | | 0.20 | ug/L | 04/04/17 16:10 | 04/05/17 19:01 | | 1 |
| 2-Methylnaphthalene | <0.20 | | 0.20 | ug/L | 04/04/17 16:10 | 04/05/17 19:01 | | 1 |
| Naphthalene | <0.20 | | 0.20 | ug/L | 04/04/17 16:10 | 04/05/17 19:01 | | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 103 | | 15 - 122 | 04/04/17 16:10 | 04/05/17 19:01 | 1 |
| Nitrobenzene-d5 | 114 | | 19 - 130 | 04/04/17 16:10 | 04/05/17 19:01 | 1 |
| Terphenyl-d14 | 113 | | 33 - 138 | 04/04/17 16:10 | 04/05/17 19:01 | 1 |

Lab Sample ID: LCS 400-348396/2-A

Matrix: Water

Analysis Batch: 348523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 348396

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. |
|---------------------|----------------|---------------|------------------|------|----|----------|-------|
| Benzo[a]pyrene | 20.0 | 17.9 | | ug/L | 90 | 52 - 120 | |
| 1-Methylnaphthalene | 20.0 | 19.0 | | ug/L | 95 | 41 - 120 | |
| 2-Methylnaphthalene | 20.0 | 19.2 | | ug/L | 96 | 32 - 124 | |
| Naphthalene | 20.0 | 17.6 | | ug/L | 88 | 39 - 125 | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------|------------------|------------------|----------|
| 2-Fluorobiphenyl | 94 | | 15 - 122 |
| Nitrobenzene-d5 | 107 | | 19 - 130 |
| Terphenyl-d14 | 97 | | 33 - 138 |

Lab Sample ID: LCSD 400-348396/3-A

Matrix: Water

Analysis Batch: 348523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 348396

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. | RPD |
|---------------------|----------------|----------------|-------------------|------|----|----------|-------|-----|
| Benzo[a]pyrene | 20.0 | 17.0 | | ug/L | 85 | 52 - 120 | 5 | 50 |
| 1-Methylnaphthalene | 20.0 | 18.0 | | ug/L | 90 | 41 - 120 | 5 | 55 |
| 2-Methylnaphthalene | 20.0 | 18.2 | | ug/L | 91 | 32 - 124 | 6 | 57 |
| Naphthalene | 20.0 | 16.6 | | ug/L | 83 | 39 - 125 | 6 | 56 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|------------------|-------------------|-------------------|----------|
| 2-Fluorobiphenyl | 87 | | 15 - 122 |
| Nitrobenzene-d5 | 102 | | 19 - 130 |
| Terphenyl-d14 | 93 | | 33 - 138 |

TestAmerica Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-348498/3

Matrix: Water

Analysis Batch: 348498

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 04/05/17 12:17 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 04/05/17 12:17 | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | | 04/05/17 12:17 | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | | 04/05/17 12:17 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| a,a,a-Trifluorotoluene (pid) | 108 | | 78 - 124 | | 04/05/17 12:17 | 1 |

Lab Sample ID: LCS 400-348498/1002

Matrix: Water

Analysis Batch: 348498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. |
|----------------|----------------|---------------|------------------|------|---|------|----------|
| Benzene | 20.0 | 20.8 | | ug/L | | 104 | 85 - 115 |
| Ethylbenzene | 20.0 | 21.6 | | ug/L | | 108 | 85 - 115 |
| Toluene | 20.0 | 21.3 | | ug/L | | 107 | 85 - 115 |
| Xylenes, Total | 60.0 | 66.2 | | ug/L | | 110 | 85 - 115 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (pid) | 106 | | 78 - 124 |

Lab Sample ID: 400-135864-1 MS

Matrix: Water

Analysis Batch: 348498

Client Sample ID: MW-1R
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. |
|----------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------|
| Benzene | <1.0 | | 50.0 | 48.2 | | ug/L | | 96 | 44 - 150 |
| Ethylbenzene | <1.0 | | 50.0 | 48.9 | | ug/L | | 98 | 70 - 142 |
| Toluene | <5.0 | | 50.0 | 48.8 | | ug/L | | 98 | 69 - 136 |
| Xylenes, Total | <5.0 | | 150 | 149 | | ug/L | | 99 | 68 - 142 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|------------------------------|-----------------|-----------------|----------|
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 |

Lab Sample ID: 400-135864-1 MSD

Matrix: Water

Analysis Batch: 348498

Client Sample ID: MW-1R
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. | RPD | Limit |
|----------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------|-----|-------|
| Benzene | <1.0 | | 50.0 | 45.7 | | ug/L | | 91 | 44 - 150 | 5 | 16 |
| Ethylbenzene | <1.0 | | 50.0 | 46.8 | | ug/L | | 94 | 70 - 142 | 4 | 16 |
| Toluene | <5.0 | | 50.0 | 46.5 | | ug/L | | 93 | 69 - 136 | 5 | 16 |
| Xylenes, Total | <5.0 | | 150 | 143 | | ug/L | | 95 | 68 - 142 | 4 | 15 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 |

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: MW-1R

Date Collected: 03/28/17 10:55

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|------------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3520C | | | 225 mL | 1 mL | 348396 | 04/04/17 16:10 | KLR | TAL PEN |
| Total/NA | Analysis | 8270C LL | | 1 | | | 348523 | 04/05/17 20:10 | CS | TAL PEN |
| | | Instrument ID: Peanuts | | | | | | | | |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/05/17 23:09 | CMW | TAL PEN |
| | | Instrument ID: ETHYL | | | | | | | | |

Client Sample ID: MW-4

Date Collected: 03/28/17 11:02

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/05/17 21:10 | CMW | TAL PEN |
| | | Instrument ID: ETHYL | | | | | | | | |

Client Sample ID: MW-5

Date Collected: 03/28/17 11:10

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/06/17 02:07 | CMW | TAL PEN |
| | | Instrument ID: ETHYL | | | | | | | | |

Client Sample ID: MW-6

Date Collected: 03/28/17 11:18

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/06/17 03:06 | CMW | TAL PEN |
| | | Instrument ID: ETHYL | | | | | | | | |

Client Sample ID: MW-7

Date Collected: 03/28/17 11:24

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|----------------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/06/17 04:05 | CMW | TAL PEN |
| | | Instrument ID: ETHYL | | | | | | | | |

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Client Sample ID: TRIP BLANK (3/28/17)

Date Collected: 03/28/17 10:40

Date Received: 03/30/17 08:47

Lab Sample ID: 400-135864-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 348498 | 04/05/17 20:11 | CMW | TAL PEN |

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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TestAmerica Pensacola

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | EPA Region | Identification Number | Expiration Date |
|------------------------|--------------------|------------|-----------------------|-----------------|
| Alabama | State Program | 4 | 40150 | 06-30-17 |
| Arizona | State Program | 9 | AZ0710 | 01-11-18 |
| Arkansas DEQ | State Program | 6 | 88-0689 | 09-01-17 |
| California | ELAP | 9 | 2510 | 03-31-18 |
| Florida | NELAP | 4 | E81010 | 06-30-17 |
| Georgia | State Program | 4 | N/A | 06-30-17 |
| Illinois | NELAP | 5 | 200041 | 10-09-17 |
| Iowa | State Program | 7 | 367 | 08-01-18 |
| Kansas | NELAP | 7 | E-10253 | 10-31-17 |
| Kentucky (UST) | State Program | 4 | 53 | 06-30-17 |
| Kentucky (WW) | State Program | 4 | 98030 | 12-31-17 |
| L-A-B | ISO/IEC 17025 | | L2471 | 02-22-20 |
| Louisiana | NELAP | 6 | 30976 | 06-30-17 |
| Louisiana (DW) | NELAP Secondary AB | 6 | LA170005 | 12-31-17 |
| Maryland | State Program | 3 | 233 | 09-30-17 |
| Massachusetts | State Program | 1 | M-FL094 | 06-30-17 |
| Michigan | State Program | 5 | 9912 | 05-06-17 |
| New Jersey | NELAP | 2 | FL006 | 06-30-17 |
| North Carolina (WW/SW) | State Program | 4 | 314 | 12-31-17 |
| Oklahoma | State Program | 6 | 9810 | 08-31-17 |
| Pennsylvania | NELAP | 3 | 68-00467 | 01-31-18 |
| Rhode Island | State Program | 1 | LAO00307 | 12-30-17 |
| South Carolina | State Program | 4 | 96026 | 06-30-17 |
| Tennessee | State Program | 4 | TN02907 | 06-30-17 |
| Texas | NELAP | 6 | T104704286-16-10 | 09-30-17 |
| USDA | Federal | | P330-16-00172 | 05-24-19 |
| Virginia | NELAP | 3 | 460166 | 06-14-17 |
| Washington | State Program | 10 | C915 | 05-15-17 |
| West Virginia DEP | State Program | 3 | 136 | 06-30-17 |

TestAmerica Pensacola

Method Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC-Lindrith B #24

TestAmerica Job ID: 400-135864-1

| Method | Method Description | Protocol | Laboratory |
|----------|---|----------|------------|
| 8270C LL | Semivolatile Organic Compounds by GCMS - Low Levels | SW846 | TAL PEN |
| 8021B | Volatile Organic Compounds (GC) | SW846 | TAL PEN |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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TestAmerica Pensacola

TestAmerica Pensacola
3355 McElmore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact:

Mrs. Sarah Gardner

Company:

Starotec Consulting Services Inc

Address:

1560 Broadway, Suite 1800

City:

Denver

State, Zip:

CO, 80202

Phone:

303-291-2239 (Tel)

Email:

sarah.gardner@mwhglobal.com

Project Name:

Lindsey B

Site:

Sample #:

SMS

Phone:

515-710-7523

Due Date Requested:

TAT Requested (days):

Carrier Tracking No(s):

Lab P.M.:

Webb, Carol M

E-Mail:

carol.webb@testamericainc.com

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CCD No:

400-64074-240098.1

Page:

Page 1 of 1

Date:

Job #:

10570616, 8102

Preservation Codes:

M - Hexane

N - None

O - Acetone

P - Na2O4S

Q - Na2SC3

R - Na2S2O3

S - H2SO4

T - TSP Dodecahydrate

U - Acetone

V - MeOH

W - pH 4-5

Z - other (specify)

Other:

Comments:

Analysis Requested:

Carrier:

Comments:

Comments:</p

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-135864-1

Login Number: 135864

List Source: TestAmerica Pensacola

List Number: 1

Creator: Perez, Trina M

| Question | Answer | Comment |
|--|--------|------------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 3.2°C IR-7 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-139057-1

Client Project/Site: ElPaso CGP Company, LLC - Lindrith B#24

For:

Stantec Consulting Services Inc

1560 Broadway

Suite 1800

Denver, Colorado 80202

Attn: Ms. Sarah Gardner



Authorized for release by:

6/20/2017 5:03:07 PM

Debra Vergin, Project Manager II

(850)363-5129

debra.vergin@testamericainc.com

Designee for

Carol Webb, Project Manager II

(850)471-6250

carol.webb@testamericainc.com

LINKS

Review your project
results through

Total Access

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The
Expert

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. | 1 |
|----------------|---|----|
| % | Listed under the "D" column to designate that the result is reported on a dry weight basis | 2 |
| %R | Percent Recovery | 3 |
| CFL | Contains Free Liquid | 4 |
| CNF | Contains No Free Liquid | 5 |
| DER | Duplicate Error Ratio (normalized absolute difference) | 6 |
| Dil Fac | Dilution Factor | 7 |
| DL | Detection Limit (DoD/DOE) | 8 |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample | 9 |
| DLC | Decision Level Concentration (Radiochemistry) | 10 |
| EDL | Estimated Detection Limit (Dioxin) | 11 |
| LOD | Limit of Detection (DoD/DOE) | 12 |
| LOQ | Limit of Quantitation (DoD/DOE) | 13 |
| MDA | Minimum Detectable Activity (Radiochemistry) | 14 |
| MDC | Minimum Detectable Concentration (Radiochemistry) | |
| MDL | Method Detection Limit | |
| ML | Minimum Level (Dioxin) | |
| NC | Not Calculated | |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) | |
| PQL | Practical Quantitation Limit | |
| QC | Quality Control | |
| RER | Relative Error Ratio (Radiochemistry) | |
| RL | Reporting Limit or Requested Limit (Radiochemistry) | |
| RPD | Relative Percent Difference, a measure of the relative difference between two points | |
| TEF | Toxicity Equivalent Factor (Dioxin) | |
| TEQ | Toxicity Equivalent Quotient (Dioxin) | |

Case Narrative

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Job ID: 400-139057-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-139057-1

Comments

No additional comments.

Receipt

The samples were received on 6/9/2017 11:11 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.7° C and 3.1° C.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-1R

Lab Sample ID: 400-139057-1

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-139057-2

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-139057-3

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-139057-4

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-139057-5

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-139057-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Sample Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 400-139057-1 | MW-1R | Water | 06/07/17 09:40 | 06/09/17 11:11 |
| 400-139057-2 | MW-4 | Water | 06/07/17 09:20 | 06/09/17 11:11 |
| 400-139057-3 | MW-5 | Water | 06/07/17 09:10 | 06/09/17 11:11 |
| 400-139057-4 | MW-6 | Water | 06/07/17 09:05 | 06/09/17 11:11 |
| 400-139057-5 | MW-7 | Water | 06/07/17 09:00 | 06/09/17 11:11 |
| 400-139057-6 | TRIP BLANK | Water | 06/07/17 08:45 | 06/09/17 11:11 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-1R

Date Collected: 06/07/17 09:40

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-1

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 14:15 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 14:15 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 14:15 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 14:15 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 93 | | 78 - 124 | | | 06/14/17 14:15 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-4

Date Collected: 06/07/17 09:20

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 14:51 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 14:51 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 14:51 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 14:51 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 92 | | 78 - 124 | | | 06/14/17 14:51 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-5

Date Collected: 06/07/17 09:10

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 15:27 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 15:27 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 15:27 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 15:27 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 95 | | 78 - 124 | | | 06/14/17 15:27 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-6

Date Collected: 06/07/17 09:05

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-4

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 17:51 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 17:51 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 17:51 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 17:51 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 95 | | 78 - 124 | | | 06/14/17 17:51 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-7

Date Collected: 06/07/17 09:00

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-5

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 18:26 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 18:26 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 18:26 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 18:26 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 94 | | 78 - 124 | | | 06/14/17 18:26 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: TRIP BLANK

Date Collected: 06/07/17 08:45

Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-6

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 06/14/17 13:40 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 06/14/17 13:40 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 06/14/17 13:40 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 06/14/17 13:40 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 95 | | 78 - 124 | | | 06/14/17 13:40 | | 1 |

QC Association Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

GC VOA

Analysis Batch: 356860

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-139057-1 | MW-1R | Total/NA | Water | 8021B | |
| 400-139057-2 | MW-4 | Total/NA | Water | 8021B | |
| 400-139057-3 | MW-5 | Total/NA | Water | 8021B | |
| 400-139057-4 | MW-6 | Total/NA | Water | 8021B | |
| 400-139057-5 | MW-7 | Total/NA | Water | 8021B | |
| 400-139057-6 | TRIP BLANK | Total/NA | Water | 8021B | |
| MB 400-356860/34 | Method Blank | Total/NA | Water | 8021B | |
| LCS 400-356860/1033 | Lab Control Sample | Total/NA | Water | 8021B | |
| 400-139057-1 MS | MW-1R | Total/NA | Water | 8021B | |
| 400-139057-1 MSD | MW-1R | Total/NA | Water | 8021B | |

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QC Sample Results

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-356860/34

Matrix: Water

Analysis Batch: 356860

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | |
| Benzene | <1.0 | | 1.0 | ug/L | | | 06/14/17 10:04 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 06/14/17 10:04 | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | | 06/14/17 10:04 | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | | 06/14/17 10:04 | 1 |

| Surrogate | MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| a,a,a-Trifluorotoluene (pid) | 94 | | 78 - 124 | | 06/14/17 10:04 | 1 |

Lab Sample ID: LCS 400-356860/1033

Matrix: Water

Analysis Batch: 356860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike | | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|----------------|-------|--------|------------|---------------|----------|---|------|--------|
| | Added | Result | | | | | | |
| Benzene | 50.0 | 49.5 | ug/L | 99 | 85 - 115 | | | |
| Ethylbenzene | 50.0 | 50.6 | ug/L | 101 | 85 - 115 | | | |
| Toluene | 50.0 | 50.7 | ug/L | 101 | 85 - 115 | | | |
| Xylenes, Total | 150 | 150 | ug/L | 100 | 85 - 115 | | | |

| Surrogate | LCS | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| a,a,a-Trifluorotoluene (pid) | 97 | | 78 - 124 | | 06/14/17 10:04 | 1 |

Lab Sample ID: 400-139057-1 MS

Matrix: Water

Analysis Batch: 356860

Client Sample ID: MW-1R

Prep Type: Total/NA

| Analyte | Sample | | Spike Added | MS | | Unit | D | %Rec | Limits |
|----------------|--------|-----------|-------------|--------|-----------|------|-----|----------|--------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| Benzene | <1.0 | | 50.0 | 49.5 | | ug/L | 99 | 44 - 150 | |
| Ethylbenzene | <1.0 | | 50.0 | 51.6 | | ug/L | 103 | 70 - 142 | |
| Toluene | <5.0 | | 50.0 | 50.9 | | ug/L | 102 | 69 - 136 | |
| Xylenes, Total | <5.0 | | 150 | 154 | | ug/L | 103 | 68 - 142 | |

| Surrogate | MS | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| a,a,a-Trifluorotoluene (pid) | 97 | | 78 - 124 | | 06/14/17 10:04 | 1 |

Lab Sample ID: 400-139057-1 MSD

Matrix: Water

Analysis Batch: 356860

Client Sample ID: MW-1R

Prep Type: Total/NA

| Analyte | Sample | | Spike Added | MSD | | Unit | D | %Rec | Limits | RPD | Limit |
|----------------|--------|-----------|-------------|--------|-----------|------|-----|----------|--------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| Benzene | <1.0 | | 50.0 | 48.7 | | ug/L | 97 | 44 - 150 | 2 | 16 | |
| Ethylbenzene | <1.0 | | 50.0 | 50.9 | | ug/L | 102 | 70 - 142 | 1 | 16 | |
| Toluene | <5.0 | | 50.0 | 50.8 | | ug/L | 102 | 69 - 136 | 0 | 16 | |
| Xylenes, Total | <5.0 | | 150 | 153 | | ug/L | 102 | 68 - 142 | 1 | 15 | |

| Surrogate | MSD | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| a,a,a-Trifluorotoluene (pid) | 95 | | 78 - 124 | | 06/14/17 10:04 | 1 |

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
 Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Client Sample ID: MW-1R

Date Collected: 06/07/17 09:40
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 14:15 | GRK | TAL PEN |

Instrument ID: CH_JOAN

Client Sample ID: MW-4

Date Collected: 06/07/17 09:20
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 14:51 | GRK | TAL PEN |

Instrument ID: CH_JOAN

Client Sample ID: MW-5

Date Collected: 06/07/17 09:10
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 15:27 | GRK | TAL PEN |

Instrument ID: CH_JOAN

Client Sample ID: MW-6

Date Collected: 06/07/17 09:05
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 17:51 | GRK | TAL PEN |

Instrument ID: CH_JOAN

Client Sample ID: MW-7

Date Collected: 06/07/17 09:00
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 18:26 | GRK | TAL PEN |

Instrument ID: CH_JOAN

Client Sample ID: TRIP BLANK

Date Collected: 06/07/17 08:45
 Date Received: 06/09/17 11:11

Lab Sample ID: 400-139057-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 356860 | 06/14/17 13:40 | GRK | TAL PEN |

Instrument ID: CH_JOAN

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Accreditation/Certification Summary

Client: Stantec Consulting Services Inc

Project/Site: EIPaso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | EPA Region | Identification Number | Expiration Date |
|------------------------|---------------|------------|-----------------------|-----------------|
| Alabama | State Program | 4 | 40150 | 06-30-17 |
| Arizona | State Program | 9 | AZ0710 | 01-11-18 |
| Arkansas DEQ | State Program | 6 | 88-0689 | 09-01-17 |
| California | ELAP | 9 | 2510 | 03-31-18 |
| Florida | NELAP | 4 | E81010 | 06-30-18 |
| Georgia | State Program | 4 | N/A | 06-30-17 |
| Illinois | NELAP | 5 | 200041 | 10-09-17 |
| Iowa | State Program | 7 | 367 | 08-01-18 |
| Kansas | NELAP | 7 | E-10253 | 10-31-17 |
| Kentucky (UST) | State Program | 4 | 53 | 06-30-17 |
| Kentucky (WW) | State Program | 4 | 98030 | 12-31-17 |
| L-A-B | ISO/IEC 17025 | | L2471 | 02-22-20 |
| Louisiana | NELAP | 6 | 30976 | 06-30-18 |
| Louisiana (DW) | NELAP | 6 | LA170005 | 12-31-17 |
| Maryland | State Program | 3 | 233 | 09-30-17 |
| Massachusetts | State Program | 1 | M-FL094 | 06-30-17 |
| Michigan | State Program | 5 | 9912 | 06-30-17 |
| New Jersey | NELAP | 2 | FL006 | 06-30-17 |
| North Carolina (WW/SW) | State Program | 4 | 314 | 12-31-17 |
| Oklahoma | State Program | 6 | 9810 | 08-31-17 |
| Pennsylvania | NELAP | 3 | 68-00467 | 01-31-18 |
| Rhode Island | State Program | 1 | LA000307 | 12-30-17 |
| South Carolina | State Program | 4 | 96026 | 06-30-17 |
| Tennessee | State Program | 4 | TN02907 | 06-30-17 |
| Texas | NELAP | 6 | T104704286-16-10 | 09-30-17 |
| USDA | Federal | | P330-16-00172 | 05-24-19 |
| Virginia | NELAP | 3 | 460166 | 06-14-18 |
| Washington | State Program | 10 | C915 | 05-15-18 |
| West Virginia DEP | State Program | 3 | 136 | 06-30-17 |

TestAmerica Pensacola

Method Summary

Client: Stantec Consulting Services Inc

Project/Site: El Paso CGP Company, LLC - Lindrith B#24

TestAmerica Job ID: 400-139057-1

| Method | Method Description | Protocol | Laboratory |
|--------|---------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | TAL PEN |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

11 ab PM:

Page 19 of 20

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-139057-1

Login Number: 139057

List Source: TestAmerica Pensacola

List Number: 1

Creator: Johnson, Jeremy N

| Question | Answer | Comment |
|--|--------|---------------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 3.1°C 2.7 IR2 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive
Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-141186-1

Client Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

For:

Stantec Consulting Services Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Carol M. Webb

Authorized for release by:

8/4/2017 12:38:52 PM

Carol Webb, Project Manager II
(850)471-6250
carol.webb@testamericainc.com

LINKS

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results through

Total Access

Have a Question?

Ask
The
Expert

Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

| | |
|----------------|---|
| □ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

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Case Narrative

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Job ID: 400-141186-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative 400-141186-1

Comments

No additional comments.

Receipt

The samples were received on 7/29/2017 8:12 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9° C.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-7

Lab Sample ID: 400-141186-1

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-141186-2

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-141186-3

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-141186-4

No Detections.

Client Sample ID: MW-1R

Lab Sample ID: 400-141186-5

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-141186-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

Sample Summary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 400-141186-1 | MW-7 | Water | 07/28/17 10:40 | 07/29/17 08:12 |
| 400-141186-2 | MW-6 | Water | 07/28/17 10:50 | 07/29/17 08:12 |
| 400-141186-3 | MW-5 | Water | 07/28/17 10:55 | 07/29/17 08:12 |
| 400-141186-4 | MW-4 | Water | 07/28/17 11:05 | 07/29/17 08:12 |
| 400-141186-5 | MW-1R | Water | 07/28/17 11:10 | 07/29/17 08:12 |
| 400-141186-6 | TRIP BLANK | Water | 07/28/17 10:40 | 07/29/17 08:12 |

TestAmerica Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-7

Date Collected: 07/28/17 10:40

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-1

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 02:55 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 02:55 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 02:55 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 02:55 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 | | | 08/03/17 02:55 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-6

Date Collected: 07/28/17 10:50

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 03:55 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 03:55 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 03:55 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 03:55 | | 1 |

Surrogate

a,a,a-Trifluorotoluene (pid)

%Recovery Qualifier Limits

105

78 - 124

Prepared

Analyzed

Dil Fac

08/03/17 03:55

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Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-5

Date Collected: 07/28/17 10:55

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 04:54 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 04:54 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 04:54 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 04:54 | | 1 |

Surrogate

a,a,a-Trifluorotoluene (pid)

%Recovery Qualifier Limits

105

78 - 124

Prepared

Analyzed

Dil Fac

08/03/17 04:54

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Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-4

Date Collected: 07/28/17 11:05

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-4

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 05:53 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 05:53 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 05:53 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 05:53 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 | | | 08/03/17 05:53 | | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-1R

Date Collected: 07/28/17 11:10

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-5

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 06:53 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 06:53 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 06:53 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 06:53 | | 1 |

Surrogate

a,a,a-Trifluorotoluene (pid)

%Recovery

105

Qualifier

78 - 124

Prepared

08/03/17 06:53

Analyzed

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TestAmerica Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-141186-6

Matrix: Water

Date Collected: 07/28/17 10:40

Date Received: 07/29/17 08:12

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|----------|----------------|----------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | 08/03/17 07:52 | | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | 08/03/17 07:52 | | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | 08/03/17 07:52 | | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | 08/03/17 07:52 | | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac | |
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 | | | 08/03/17 07:52 | | 1 |

QC Association Summary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

GC VOA

Analysis Batch: 362639

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-141186-1 | MW-7 | Total/NA | Water | 8021B | 5 |
| 400-141186-2 | MW-6 | Total/NA | Water | 8021B | 6 |
| 400-141186-3 | MW-5 | Total/NA | Water | 8021B | 7 |
| 400-141186-4 | MW-4 | Total/NA | Water | 8021B | 8 |
| 400-141186-5 | MW-1R | Total/NA | Water | 8021B | 9 |
| 400-141186-6 | TRIP BLANK | Total/NA | Water | 8021B | 10 |
| MB 400-362639/3 | Method Blank | Total/NA | Water | 8021B | 11 |
| LCS 400-362639/1002 | Lab Control Sample | Total/NA | Water | 8021B | 12 |
| 400-141188-A-1 MS | Matrix Spike | Total/NA | Water | 8021B | 13 |
| 400-141188-A-1 MSD | Matrix Spike Duplicate | Total/NA | Water | 8021B | 14 |

TestAmerica Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-362639/3

Matrix: Water

Analysis Batch: 362639

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 08/02/17 12:05 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 08/02/17 12:05 | 1 |
| Toluene | <5.0 | | 5.0 | ug/L | | | 08/02/17 12:05 | 1 |
| Xylenes, Total | <5.0 | | 5.0 | ug/L | | | 08/02/17 12:05 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| a,a,a-Trifluorotoluene (pid) | 107 | | 78 - 124 | | 08/02/17 12:05 | 1 |

Lab Sample ID: LCS 400-362639/1002

Matrix: Water

Analysis Batch: 362639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. |
|----------------|----------------|---------------|------------------|------|---|------|----------|
| Benzene | 50.0 | 51.2 | | ug/L | | 102 | 85 - 115 |
| Ethylbenzene | 50.0 | 51.8 | | ug/L | | 104 | 85 - 115 |
| Toluene | 50.0 | 51.3 | | ug/L | | 103 | 85 - 115 |
| Xylenes, Total | 150 | 157 | | ug/L | | 105 | 85 - 115 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (pid) | 105 | | 78 - 124 |

Lab Sample ID: 400-141188-A-1 MS

Matrix: Water

Analysis Batch: 362639

Client Sample ID: Matrix Spike
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. |
|----------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------|
| Benzene | <1.0 | | 50.0 | 44.4 | | ug/L | | 89 | 44 - 150 |
| Ethylbenzene | <1.0 | | 50.0 | 45.0 | | ug/L | | 90 | 70 - 142 |
| Toluene | <5.0 | | 50.0 | 44.6 | | ug/L | | 89 | 69 - 136 |
| Xylenes, Total | <5.0 | | 150 | 137 | | ug/L | | 91 | 68 - 142 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|------------------------------|-----------------|-----------------|----------|
| a,a,a-Trifluorotoluene (pid) | 104 | | 78 - 124 |

Lab Sample ID: 400-141188-A-1 MSD

Matrix: Water

Analysis Batch: 362639

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. | RPD | Limit |
|----------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------|-----|-------|
| Benzene | <1.0 | | 50.0 | 44.6 | | ug/L | | 89 | 44 - 150 | 0 | 16 |
| Ethylbenzene | <1.0 | | 50.0 | 45.9 | | ug/L | | 92 | 70 - 142 | 2 | 16 |
| Toluene | <5.0 | | 50.0 | 45.2 | | ug/L | | 90 | 69 - 136 | 1 | 16 |
| Xylenes, Total | <5.0 | | 150 | 140 | | ug/L | | 93 | 68 - 142 | 2 | 15 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (pid) | 104 | | 78 - 124 |

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Client Sample ID: MW-7

Date Collected: 07/28/17 10:40

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 02:55 | MKA | TAL PEN |

Instrument ID: ETHYL

Client Sample ID: MW-6

Date Collected: 07/28/17 10:50

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 03:55 | MKA | TAL PEN |

Instrument ID: ETHYL

Client Sample ID: MW-5

Date Collected: 07/28/17 10:55

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 04:54 | MKA | TAL PEN |

Instrument ID: ETHYL

Client Sample ID: MW-4

Date Collected: 07/28/17 11:05

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 05:53 | MKA | TAL PEN |

Instrument ID: ETHYL

Client Sample ID: MW-1R

Date Collected: 07/28/17 11:10

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 06:53 | MKA | TAL PEN |

Instrument ID: ETHYL

Client Sample ID: TRIP BLANK

Date Collected: 07/28/17 10:40

Date Received: 07/29/17 08:12

Lab Sample ID: 400-141186-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 362639 | 08/03/17 07:52 | MKA | TAL PEN |

Instrument ID: ETHYL

TestAmerica Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Accreditation/Certification Summary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | EPA Region | Identification Number | Expiration Date |
|------------------------|---------------|------------|-----------------------|-----------------|
| Alabama | State Program | 4 | 40150 | 06-30-18 |
| Arizona | State Program | 9 | AZ0710 | 01-11-18 |
| Arkansas DEQ | State Program | 6 | 88-0689 | 09-01-17 |
| California | ELAP | 9 | 2510 | 03-31-18 |
| Florida | NELAP | 4 | E81010 | 06-30-18 |
| Georgia | State Program | 4 | N/A | 06-30-18 |
| Illinois | NELAP | 5 | 200041 | 10-09-17 |
| Iowa | State Program | 7 | 367 | 08-01-18 |
| Kansas | NELAP | 7 | E-10253 | 10-31-17 |
| Kentucky (UST) | State Program | 4 | 53 | 06-30-18 |
| Kentucky (WW) | State Program | 4 | 98030 | 12-31-17 |
| L-A-B | ISO/IEC 17025 | | L2471 | 02-22-20 |
| Louisiana | NELAP | 6 | 30976 | 06-30-18 |
| Louisiana (DW) | NELAP | 6 | LA170005 | 12-31-17 |
| Maryland | State Program | 3 | 233 | 09-30-18 |
| Massachusetts | State Program | 1 | M-FL094 | 06-30-18 |
| Michigan | State Program | 5 | 9912 | 06-30-18 |
| New Jersey | NELAP | 2 | FL006 | 06-30-18 |
| North Carolina (WW/SW) | State Program | 4 | 314 | 12-31-17 |
| Oklahoma | State Program | 6 | 9810 | 08-31-17 |
| Pennsylvania | NELAP | 3 | 68-00467 | 01-31-18 |
| Rhode Island | State Program | 1 | LAO00307 | 12-30-17 |
| South Carolina | State Program | 4 | 96026 | 06-30-17 * |
| Tennessee | State Program | 4 | TN02907 | 06-30-18 |
| Texas | NELAP | 6 | T104704286-16-10 | 09-30-17 |
| USDA | Federal | | P330-16-00172 | 05-24-19 |
| Virginia | NELAP | 3 | 460166 | 06-14-18 |
| Washington | State Program | 10 | C915 | 05-15-18 |
| West Virginia DEP | State Program | 3 | 136 | 06-30-18 |

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Pensacola

Method Summary

Client: Stantec Consulting Services Inc

Project/Site: ElPaso CGP Company, LLC - Lindrith B #24

TestAmerica Job ID: 400-141186-1

| Method | Method Description | Protocol | Laboratory |
|--------|---------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | TAL PEN |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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TestAmerica Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-141186-1

Login Number: 141186

List Source: TestAmerica Pensacola

List Number: 1

Creator: Hughes, Nicholas T

| Question | Answer | Comment |
|--|--------|-------------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 2.9°C - IR2 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

ATTACHMENT C

GROUNDWATER DISPOSAL DOCUMENTATION



30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE 4-4-17GENERATOR: El Paso CorpHAULING CO. MWHORDERED BY: Joseph WileyWASTE DESCRIPTION: Exempt Oilfield Waste Produced WaterSTATE: NM CO AZ UTTREATMENT/DISPOSAL METHODS: EVAPORATION INJECTION TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|---------------------------|--------|------|-----|------|-------|----------------|
| 1 | | Linchuk 8424, Hammer 8419 | 1 | .25 | | | .25 | |
| 2 | | Hammer 849 | | | | | | |
| 3 | | | | | | | | THUR 4 10:00AM |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

I, Brad Bartan, representative or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt Oil field wastes.

 Approved DeniedATTENDANT SIGNATURE Stanley Grant Jr



30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE 6-8-12

GENERATOR: EL PASO

HAULING CO: El Paso Oilfield

ORDERED BY: Joseph Wiles

WASTE DESCRIPTION: Exempt Oilfield Waste

Produced Water

Reserve Pit

STATE: NM CO AZ UT

TREATMENT/DISPOSAL METHODS: EVAPORATION INJECTION TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|--------------------------------------|--------|------|-----|------|-------|----------------|
| 1 | 01 | Jones FR-411E | / | 750 | | | 750 | 17 JUN 04 13PM |
| 2 | | State Gas Conn 21 Cawood Plaza 12 | / | | | | | |
| 3 | | M. Los Pinos Fields A & 2A | / | | | | | |
| 4 | | Lindath 9-24 Harrowad 141A | / | | | | | |
| 5 | | WNGT #1 K2710272 | / | | | | | |

I, Sarah Gardner representative or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt Oil field wastes.

Approved

Denied

ATTENDANT SIGNATURE S. Gardner

san juan reproduction 168-6

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE 8-1-17

GENERATOR: El Paso

HAULING CO: Serima

ORDERED BY: Joseph Wiley

WASTE DESCRIPTION: Exempt Oilfield Waste

Produced Water

Drilling/Completion Fluids

Reserve Pit

STATE: NM CO AZ UT

TREATMENT/DISPOSAL METHODS: EVAPORATION INJECTION TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|---------------|--------|------|-----|------|-------|------|
| 1 | 59 | Lindrith B 24 | 2 Gal. | | | | | |
| 2 | | Hammond 41A | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

I, Juan Juan representative or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt Oil field wastes.

Approved

Denied

ATTENDANT SIGNATURE Juan Juan

san juan reproduction 168-6