

2020 ANNUAL GROUNDWATER REPORT**Fogelson 4-1****Incident Number: nAUTOfAB000192****NMOCD Case#: 3RP-068-0****Meter Code: 73220****T29N, R11W, Sec 4, Unit P**Review of 2020 ANNUAL
GROUNDWATER REPORT: Content
satisfactory

1. Continue to conduct semi-annual groundwater monitoring events in 2021
2. Continue quarterly site visits to facilitate removal of measurable free product
3. where it is present. Pursuant to the January 5, 2021 letter from EPCGP, mobile DPE activities are to be completed before October 2021 to more aggressively remove free product from MW-5. Follow-up correspondence to be provided to OCD once the date of this work is scheduled
4. Submit the 2021 Annual Report and include all activities completed and summarize the results. Report to be submitted no later than March 31, 2022

SITE DETAILS

Site Location: Latitude: 36.750660 N, Longitude: -107.991560 W
Land Type: Federal
Former Operator: Burlington Resources (well P&A'd)

SITE BACKGROUND

Environmental Remediation activities at Fogelson 4-1 (Site) are being managed pursuant to the procedures set forth in the document entitled, "*Remediation Plan for Groundwater Encountered During Pit Closure Activities*" (El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (NMOCD) in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into El Paso CGP Company (EPCGP's) program methods. The Site was operated by Burlington Resources Oil & Gas Company LP (BR) until January 2014, and the final reclamation was completed by BR in 2016.

The Site is located on Federal land. An initial site assessment was completed in March 1994, and an excavation of 65 cubic yards (cy), to a depth of approximately 11 feet below ground surface (bgs), was completed in April 1994. Monitoring wells were installed in 1995 (MW-1, MW-2, and MW-3), 2017 (MW-4, MW-5, MW-6, and MW-7), and 2018 (MW-1R [replaced MW-1], MW-8, and MW-9). The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells and current and historical site features is provided as Figure 2.

In August 2001 a nutrient injection of an Oxygen Release Compound was completed. Free product has been periodically observed and removed. Mobile dual-phase extraction (MDPE) events to enhance free product recovery were conducted in 2018. Groundwater sampling is being conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications via electronic mail (email) to the NMOCD on May 5, 2020 and November 5, 2020, prior to initiating groundwater sampling activities at the Site. Copies of the 2020 NMOCD notifications are provided in Appendix A. On May 15 and November 14, 2020, water levels were gauged at each monitoring well. During both events, groundwater samples were collected from MW-1R, MW-4, and MW-6 through MW-9. During the May 23, 2020 event, groundwater samples were also collected from monitoring wells MW-2, MW-3, and MW-5. During each sampling event, groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the screened interval.

The groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins-TestAmerica Laboratories, Inc. in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX). One laboratory-provided trip blank and one blind field duplicate were also collected during each groundwater sampling event. The groundwater samples, field duplicate, and trip blank were analyzed using United States Environmental Protection Agency (EPA) Method 8260.

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The unused sample water was combined in a waste container and transported to Basin Disposal, Inc. in Bloomfield, New Mexico (Basin) for disposal. Waste disposal documentation is included as Appendix B.

FREE PRODUCT RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly free product recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of site activities is provided in Appendix A. Free product was observed in monitoring well MW-5 during the May and November groundwater sampling events, and on August 18, 2020.

Free product was observed in monitoring well MW-5 during the May, August, and November recovery events in 2020 (0.17, 0.05, and 0.04 feet, respectively). During the May, August, and November 2020 events 0.46, 0.05, and <0.01 gallons were recovered by hand-bailing, respectively. During the groundwater sampling site visits, the recovered free product was disposed of with wastewater generated during the monitoring well sampling activities. Recovered free product from the August site visit was also transported for disposal at Basin (Appendix B).

SUMMARY TABLES

Historic analytical and water level data are summarized in Table 1 and Table 2, respectively. Free product recovery data is summarized on Table 3.

SITE MAPS

Groundwater analytical maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2020 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix C.

GROUNDWATER RESULTS

- The groundwater elevations indicate the flow direction at the Site was generally to the northwest during 2020 (see Figures 4 and 6).
- Free product was observed in MW-5 during the May and November 2020 sampling events; therefore, no groundwater sample was collected from this location.
- Groundwater samples collected in 2020 from MW-7 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard for benzene in groundwater (10 micrograms per liter [$\mu\text{g/L}$]). Benzene was not detected or was detected below the NMWQCC standard in the remaining groundwater samples collected from the Site monitoring wells in 2020.

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- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or not detected in the Site monitoring wells sampled in 2020.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or not detected in the Site monitoring wells sampled in 2020.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or not detected in the Site monitoring wells sampled in 2020.
- A field duplicate sample was collected from monitoring well MW-1R in May 2020 and from monitoring well MW-7 in November 2020. There were no significant differences between concentrations in the primary and duplicate samples.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2020 groundwater monitoring events.

PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will continue to be conducted on a semi-annual basis. Groundwater samples will be collected from monitoring wells not containing free product and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event.

Quarterly site visits will continue at the site in 2021 to facilitate removal of measurable free product where it is present. Pursuant to the January 5, 2021 letter from EPCGP, mobile DPE activities are to be completed before October 2021 to more aggressively remove free product from MW-5. Follow-up correspondence will be provided to NMOCD once the date of this work is scheduled.

The activities conducted in 2021, and their results, will be summarized in the 2021 Annual Report, to be submitted in early 2022.

TABLES

TABLE 1 – GROUNDWATER ANALYTICAL RESULTS

TABLE 2 – GROUNDWATER ELEVATION RESULTS

TABLE 3 – FREE PRODUCT RECOVERY SUMMARY

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

| Fogelson 4-1 | | | | | |
|---------------------------------------|----------|-------------------|-------------------|------------------------|-------------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-1 | 11/06/95 | 1520 | 1050 | 907 | 9180 |
| MW-1 | 12/06/96 | 1110 | 388 | 713 | 7730 |
| MW-1 | 03/10/97 | 1240 | 318 | 850 | 9050 |
| MW-1 | 06/06/97 | 1080 | 268 | 747 | 7700 |
| MW-1 | 03/30/98 | 1070 | 522 | 789 | 8430 |
| MW-1 | 06/04/98 | 1090 | 627 | 837 | 8880 |
| MW-1 | 06/15/99 | 1000 | 550 | 770 | 7800 |
| MW-1 | 06/19/00 | 790 | 280 | 1100 | 9300 |
| MW-1 | 10/02/00 | 580 | 600 | 950 | 8000 |
| MW-1 | 12/05/00 | 420 | 610 | 770 | 6000 |
| MW-1 | 05/30/01 | 340 | 470 | 710 | 4800 |
| MW-1 | 11/26/01 | 420 | 330 | 760 | 3400 |
| MW-1 | 05/15/02 | 430 | 230 | 900 | 6000 |
| MW-1 | 06/10/02 | NS | NS | NS | NS |
| MW-1 | 11/04/02 | 625 | 370 | 862 | 5210 |
| MW-1 | 05/21/03 | 339 | 296 | 723 | 4730 |
| MW-1 | 11/15/03 | 401 | 308 | 755 | 4700 |
| MW-1 | 11/16/04 | 185 | 59.9 | 550 | 2800 |
| MW-1 | 11/08/05 | 174 | 34.3 | 675 | 2440 |
| MW-1 | 11/08/06 | 206 | 41.6 | 694 | 2460 |
| MW-1 | 11/29/07 | NS | NS | NS | NS |
| MW-1 | 01/25/08 | NS | NS | NS | NS |
| MW-1 | 08/12/08 | NS | NS | NS | NS |
| MW-1 | 11/07/08 | NS | NS | NS | NS |
| MW-1 | 02/06/09 | NS | NS | NS | NS |
| MW-1 | 05/04/09 | NS | NS | NS | NS |
| MW-1 | 08/26/09 | NS | NS | NS | NS |
| MW-1 | 11/03/09 | 230 | 24.2 J | 901 | 3290 |
| MW-1 | 02/11/10 | NS | NS | NS | NS |
| MW-1 | 05/25/10 | NS | NS | NS | NS |
| MW-1 | 09/24/10 | NS | NS | NS | NS |
| MW-1 | 11/09/10 | 198 | 23.5 | 840 | 3170 |
| MW-1 | 02/01/11 | NS | NS | NS | NS |
| MW-1 | 05/03/11 | NS | NS | NS | NS |
| MW-1 | 09/27/11 | NS | NS | NS | NS |
| MW-1 | 11/16/11 | 171 | 3.8 J | 818 | 2770 |
| MW-1 | 02/16/12 | NS | NS | NS | NS |
| MW-1 | 05/07/12 | NS | NS | NS | NS |
| MW-1 | 06/04/13 | 20 | 9.3 J | 650 | 2400 |
| MW-1 | 09/09/13 | 160 | 20 | 760 | 3200 |
| MW-1 | 12/13/13 | 150 | 41 | 630 | 2700 |
| MW-1 | 04/05/14 | 4.3 | <0.38 | 20 | 76 |
| MW-1 | 10/21/14 | 200 | 11 | 770 | 3600 |
| MW-1 | 05/30/15 | 160 | 38 | 810 | 3700 |
| MW-1 | 11/18/15 | NS | NS | NS | NS |
| MW-1 | 04/16/16 | NS | NS | NS | NS |
| MW-1 | 10/14/16 | NS | NS | NS | NS |
| MW-1 | 06/10/17 | NS | NS | NS | NS |
| MW-1 | 11/13/17 | NS | NS | NS | NS |
| MW-1 | 05/17/18 | NS | NS | NS | <0.01 |
| MW-1 replaced with MW-1R on 9/28/2018 | | | | | |

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

| Fogelson 4-1 | | | | | |
|-------------------|----------|----------------|----------------|---------------------|----------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-1R | 10/28/18 | 1.6 | <1.0 | <1.0 | 180 |
| MW-1R | 05/23/19 | 2.5 | <1.0 | <1.0 | <10 |
| MW-1R | 11/13/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-1R | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| DUP-1(MW-1R)* | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| MW-1R | 11/14/20 | <1.0 | <1.0 | <1.0 | <10 |
| | | | | | |
| MW-2 | 07/27/00 | <0.5 | <0.5 | 8.8 | <0.5 |
| MW-2 | 05/30/01 | <0.5 | <0.5 | 7.5 | 1 |
| MW-2 | 05/15/02 | <0.5 | <0.5 | 2 | <1 |
| MW-2 | 11/04/02 | NS | NS | NS | NS |
| MW-2 | 05/21/03 | NS | NS | NS | NS |
| MW-2 | 11/15/03 | NS | NS | NS | NS |
| MW-2 | 11/16/04 | NS | NS | NS | NS |
| MW-2 | 11/08/05 | NS | NS | NS | NS |
| MW-2 | 11/08/06 | NS | NS | NS | NS |
| MW-2 | 11/29/07 | NS | NS | NS | NS |
| MW-2 | 08/12/08 | NS | NS | NS | NS |
| MW-2 | 11/07/08 | NS | NS | NS | NS |
| MW-2 | 02/06/09 | NS | NS | NS | NS |
| MW-2 | 05/04/09 | NS | NS | NS | NS |
| MW-2 | 08/26/09 | NS | NS | NS | NS |
| MW-2 | 11/03/09 | NS | NS | NS | NS |
| MW-2 | 02/11/10 | NS | NS | NS | NS |
| MW-2 | 05/25/10 | NS | NS | NS | NS |
| MW-2 | 09/24/10 | NS | NS | NS | NS |
| MW-2 | 11/09/10 | <2 | <2 | <2 | <6 |
| MW-2 | 02/01/11 | NS | NS | NS | NS |
| MW-2 | 05/03/11 | NS | NS | NS | NS |
| MW-2 | 09/27/11 | NS | NS | NS | NS |
| MW-2 | 11/16/11 | <1 | <1 | <1 | <3 |
| MW-2 | 02/16/12 | NS | NS | NS | NS |
| MW-2 | 05/07/12 | NS | NS | NS | NS |
| MW-2 | 06/04/13 | <0.14 | <0.30 | <0.20 | <0.23 |
| MW-2 | 09/09/13 | <0.14 | <0.30 | <0.20 | <0.23 |
| MW-2 | 12/13/13 | <0.20 | 0.52 J | 0.38 J | 0.85 J |
| MW-2 | 04/05/14 | <0.20 | <0.38 | <0.20 | <0.65 |
| MW-2 | 10/21/14 | <0.38 | <0.70 | <0.50 | <1.6 |
| MW-2 | 05/30/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-2 | 11/18/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-2 | 04/16/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-2 | 10/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-2 | 06/10/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-2 | 11/13/17 | <1.0 | <1.0 | <1.0 | <10 |
| MW-2 | 05/17/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-2 | 10/28/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-2 | 05/23/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-2 | 11/13/19 | NS | NS | NS | NS |
| MW-2 | 05/15/20 | NS | NS | NS | NS |
| MW-2 | 11/14/20 | NS | NS | NS | NS |
| | | | | | |
| MW-3 | 07/27/00 | 27 | 35 | 170 | 520 |
| MW-3 | 05/30/01 | 1.3 | <0.5 | 40 | 2.8 |
| MW-3 | 05/15/02 | 0.64 | <0.5 | 17 | 1.2 |
| MW-3 | 11/04/02 | NS | NS | NS | NS |

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

| Fogelson 4-1 | | | | | |
|-------------------|----------|-------------------|-------------------|------------------------|-------------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-3 | 05/21/03 | <1 | <1 | 18.2 | <3 |
| MW-3 | 11/15/03 | NS | NS | NS | NS |
| MW-3 | 11/16/04 | NS | NS | NS | NS |
| MW-3 | 11/08/05 | NS | NS | NS | NS |
| MW-3 | 11/08/06 | NS | NS | NS | NS |
| MW-3 | 11/29/07 | NS | NS | NS | NS |
| MW-3 | 08/12/08 | NS | NS | NS | NS |
| MW-3 | 11/07/08 | NS | NS | NS | NS |
| MW-3 | 02/06/09 | NS | NS | NS | NS |
| MW-3 | 05/04/09 | NS | NS | NS | NS |
| MW-3 | 08/26/09 | NS | NS | NS | NS |
| MW-3 | 11/03/09 | NS | NS | NS | NS |
| MW-3 | 02/11/10 | NS | NS | NS | NS |
| MW-3 | 05/25/10 | NS | NS | NS | NS |
| MW-3 | 09/24/10 | NS | NS | NS | NS |
| MW-3 | 11/09/10 | <2 | <2 | 1.9 J | <6 |
| MW-3 | 02/01/11 | NS | NS | NS | NS |
| MW-3 | 05/03/11 | NS | NS | NS | NS |
| MW-3 | 09/27/11 | NS | NS | NS | NS |
| MW-3 | 11/16/11 | <1 | <1 | 0.77 J | <3 |
| MW-3 | 02/16/12 | NS | NS | NS | NS |
| MW-3 | 05/07/12 | NS | NS | NS | NS |
| MW-3 | 06/04/13 | <0.14 | <0.30 | <0.20 | <0.23 |
| MW-3 | 09/09/13 | <0.14 | <0.30 | <0.20 | <0.23 |
| MW-3 | 12/13/13 | <0.20 | 0.56 J | <0.20 | <0.65 |
| MW-3 | 04/05/14 | <0.20 | <0.38 | <0.20 | <0.65 |
| MW-3 | 10/21/14 | <0.38 | <0.70 | 0.96 J | <1.6 |
| MW-3 | 05/30/15 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-3 | 11/18/15 | <1.0 | <1.0 | <1.0 | <3.0 |
| MW-3 | 04/16/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-3 | 10/14/16 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-3 | 06/10/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-3 | 11/13/17 | <1.0 | <1.0 | <1.0 | <10 |
| MW-3 | 05/17/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-3 | 10/28/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-3 | 05/23/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-3 | 11/13/19 | NS | NS | NS | NS |
| MW-3 | 05/15/20 | NS | NS | NS | NS |
| MW-3 | 11/14/20 | NS | NS | NS | NS |
| | | | | | |
| MW-4 | 06/10/17 | 2.8 | <5.0 | 76 | <5.0 |
| MW-4 | 11/13/17 | 2.6 | <1.0 | 60 | <10 |
| MW-4 | 05/17/18 | 1.3 | <1.0 | 35 | <10 |
| MW-4 | 10/28/18 | 1.5 | <1.0 | 31 | <10 |
| MW-4 | 05/23/19 | <1.0 | <1.0 | 2.1 | <10 |
| DUP-1(MW-4)* | 05/23/19 | <1.0 | <1.0 | 1.3 | <10 |
| MW-4 | 11/13/19 | <1.0 | <1.0 | 2.7 | <10 |
| DUP-1(MW-4)* | 11/13/19 | <1.0 | <1.0 | 2.7 | <10 |
| MW-4 | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| MW-4 | 11/14/20 | <1.0 | <1.0 | <1.0 | <10 |
| | | | | | |
| MW-5 | 06/10/17 | 24 | <10 | 2.4 | 120 |
| MW-5 | 11/13/17 | 24 | <2.0 | 210 | <20 |
| MW-5 | 05/17/18 | 25 | <2.0 | 280 | <20 |
| MW-5 | 10/28/18 | 25 | <1.0 | 290 | <10 |
| DUP-01(MW-5)* | 10/28/18 | 24 | <1.0 | 260 | <10 |

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

| Fogelson 4-1 | | | | | |
|-------------------|----------|----------------|----------------|---------------------|----------------------|
| Location | Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| NMWQCC Standards: | | 10 | 750 | 750 | 620 |
| MW-5 | 05/23/19 | 24 | <2.0 | 310 | <20 |
| MW-5 | 11/13/19 | NS | NS | NS | NS |
| MW-5 | 05/15/20 | NS | NS | NS | NS |
| MW-5 | 08/18/20 | NS | NS | NS | NS |
| MW-5 | 11/14/20 | NS | NS | NS | NS |
| | | | | | |
| MW-6 | 06/10/17 | <1.0 | <5.0 | <1.0 | <5.0 |
| MW-6 | 11/13/17 | <1.0 | <1.0 | <1.0 | <10 |
| MW-6 | 05/17/18 | 1.7 | <1.0 | <1.0 | <10 |
| MW-6 | 10/28/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-6 | 05/23/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-6 | 11/13/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-6 | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| MW-6 | 11/14/20 | <1.0 | 1.2 | <1.0 | <10 |
| | | | | | |
| MW-7 | 06/10/17 | 130 | <10 | 150 | 580 |
| MW-7 | 11/13/17 | 83 | <1.0 | 110 | 96 |
| MW-7 | 05/17/18 | 61 | <1.0 | 89 | 21 |
| DP-01(MW-7)* | 05/17/18 | 63 | <1.0 | 97 | 23 |
| MW-7 | 10/28/18 | 50 | <1.0 | 58 | <10 |
| MW-7 | 05/23/19 | 53 | <1.0 | 62 | <10 |
| MW-7 | 11/13/19 | 18 | <1.0 | 24 | <10 |
| MW-7 | 05/15/20 | 12 | <1.0 | 16 | <10 |
| MW-7 | 11/14/20 | 12 | <1.0 | 17 | <10 |
| DP-01(MW-7)* | 11/14/20 | 14 | <1.0 | 23 | <10 |
| | | | | | |
| MW-8 | 10/28/18 | 1.7 | <1.0 | 1.2 | <10 |
| MW-8 | 05/23/19 | 2.7 | <1.0 | 1.1 | <10 |
| MW-8 | 11/13/19 | 1.8 | <1.0 | <1.0 | <10 |
| MW-8 | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| MW-8 | 11/14/20 | 1.1 | <1.0 | <1.0 | <10 |
| | | | | | |
| MW-9 | 10/28/18 | <1.0 | <1.0 | <1.0 | <10 |
| MW-9 | 05/23/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-9 | 11/13/19 | <1.0 | <1.0 | <1.0 | <10 |
| MW-9 | 05/15/20 | <1.0 | <1.0 | <1.0 | <10 |
| MW-9 | 11/14/20 | <1.0 | <1.0 | <1.0 | <10 |

Notes:

The groundwater monitoring dates for each monitoring well where no groundwater samples were collected and analyzed have been omitted.

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).

*Field Duplicate results presented immediately below primary sample result

TABLE-2 GROUNDWATER ELEVATION RESULTS

| Fogelson 4-1 | | | | | | |
|---------------------|-------------|------------|-----------------------------|-----------------------------|------------------------------|---------------------------|
| Location | Date | TOC | Depth to LNAPL (ft.) | Depth to Water (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-1 | 11/06/95 | 5784.77 | NR | 39.99 | | 5744.78 |
| MW-1 | 12/06/96 | 5784.77 | NR | 40.74 | | 5744.03 |
| MW-1 | 03/10/97 | 5784.77 | NR | 41.23 | | 5743.54 |
| MW-1 | 06/06/97 | 5784.77 | NR | 41.44 | | 5743.33 |
| MW-1 | 03/30/98 | 5784.77 | NR | 41.08 | | 5743.69 |
| MW-1 | 06/04/98 | 5784.77 | NR | 41.02 | | 5743.75 |
| MW-1 | 06/15/99 | 5784.77 | NR | 41.88 | | 5742.89 |
| MW-1 | 06/19/00 | 5784.77 | NR | 40.17 | | 5744.60 |
| MW-1 | 10/02/00 | 5784.77 | NR | 40.22 | | 5744.55 |
| MW-1 | 12/05/00 | 5784.77 | NR | 40.09 | | 5744.68 |
| MW-1 | 05/30/01 | 5784.77 | NR | 40.54 | | 5744.23 |
| MW-1 | 11/26/01 | 5784.77 | NR | 41.00 | | 5743.77 |
| MW-1 | 05/15/02 | 5784.77 | NR | 41.37 | | 5743.40 |
| MW-1 | 06/10/02 | 5784.77 | NR | 41.54 | | 5743.23 |
| MW-1 | 11/04/02 | 5784.77 | NR | 41.90 | | 5742.88 |
| MW-1 | 05/21/03 | 5784.77 | ND | 41.57 | | 5743.20 |
| MW-1 | 11/15/03 | 5784.77 | ND | 41.00 | | 5743.77 |
| MW-1 | 11/16/04 | 5784.77 | ND | 40.10 | | 5744.67 |
| MW-1 | 11/08/05 | 5784.77 | ND | 40.68 | | 5744.09 |
| MW-1 | 11/08/06 | 5784.77 | ND | 42.16 | | 5742.61 |
| MW-1 | 11/29/07 | 5784.77 | ND | 42.16 | | 5742.61 |
| MW-1 | 01/25/08 | 5784.77 | 43.00 | 43.10 | 0.10 | 5741.75 |
| MW-1 | 08/12/08 | 5784.77 | ND | 43.14 | | 5741.63 |
| MW-1 | 11/07/08 | 5784.77 | 43.24 | 43.32 | 0.08 | 5741.51 |
| MW-1 | 02/06/09 | 5784.77 | ND | 43.12 | | 5741.65 |
| MW-1 | 05/04/09 | 5784.77 | ND | 43.22 | | 5741.55 |
| MW-1 | 08/26/09 | 5784.77 | 43.46 | 43.53 | 0.07 | 5741.29 |
| MW-1 | 11/03/09 | 5784.77 | ND | 43.52 | | 5741.25 |
| MW-1 | 02/11/10 | 5784.77 | ND | 43.64 | | 5741.13 |
| MW-1 | 05/25/10 | 5784.77 | ND | 43.75 | | 5741.02 |
| MW-1 | 09/24/10 | 5784.77 | ND | 43.95 | | 5740.82 |
| MW-1 | 11/09/10 | 5784.77 | 43.88 | 43.89 | 0.01 | 5740.89 |
| MW-1 | 02/01/11 | 5784.77 | ND | 44.03 | | 5740.74 |
| MW-1 | 05/03/11 | 5784.77 | ND | 44.14 | | 5740.63 |
| MW-1 | 09/27/11 | 5784.77 | ND | 44.30 | | 5740.47 |
| MW-1 | 11/16/11 | 5784.77 | ND | 44.33 | | 5740.44 |
| MW-1 | 02/16/12 | 5784.77 | ND | 44.43 | | 5740.34 |
| MW-1 | 05/07/12 | 5784.77 | ND | 44.50 | | 5740.27 |
| MW-1 | 06/04/13 | 5784.77 | ND | 44.75 | | 5740.02 |
| MW-1 | 09/09/13 | 5784.77 | ND | 44.87 | | 5739.90 |
| MW-1 | 12/13/13 | 5784.77 | ND | 44.85 | | 5739.92 |

TABLE-2 GROUNDWATER ELEVATION RESULTS

| Fogelson 4-1 | | | | | | |
|---------------------------------------|-------------|------------|-----------------------------|-----------------------------|------------------------------|---------------------------|
| Location | Date | TOC | Depth to LNAPL (ft.) | Depth to Water (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-1 | 04/05/14 | 5784.77 | ND | 44.75 | | 5740.02 |
| MW-1 | 10/21/14 | 5784.77 | ND | 44.86 | | 5739.91 |
| MW-1 | 05/30/15 | 5784.77 | ND | 44.81 | | 5739.96 |
| MW-1 | 11/18/15 | 5784.77 | 44.91 | 44.91 | <0.01 | 5739.86 |
| MW-1 | 04/16/16 | 5784.77 | 45.00 | 45.05 | 0.05 | 5739.76 |
| MW-1 | 10/14/16 | 5784.77 | 45.12 | 45.12 | <0.01 | 5739.65 |
| MW-1 | 06/10/17 | 5784.77 | 45.25 | 45.30 | 0.05 | 5739.51 |
| MW-1 | 11/13/17 | 5784.77 | 45.42 | 45.43 | 0.01 | 5739.35 |
| MW-1 | 05/05/18 | 5784.77 | ND | 45.49 | | 5739.28 |
| MW-1 | 05/17/18 | 5784.77 | 45.48 | 45.48 | <0.01 | 5739.29 |
| MW-1 replaced with MW-1R on 9/28/2018 | | | | | | |
| MW-1R | 10/28/18 | 5784.02 | ND | 48.27 | | 5735.75 |
| MW-1R | 05/23/19 | 5784.02 | ND | 47.00 | | 5737.02 |
| MW-1R | 11/13/19 | 5784.02 | ND | 47.32 | | 5736.70 |
| MW-1R | 05/15/20 | 5784.02 | ND | 47.32 | | 5736.70 |
| MW-1R | 11/14/20 | 5784.02 | ND | 47.45 | | 5736.57 |
| MW-2 | 07/27/00 | 5780.03 | NR | 38.25 | | 5741.78 |
| MW-2 | 05/30/01 | 5780.03 | NR | 38.17 | | 5741.86 |
| MW-2 | 05/15/02 | 5780.03 | NR | 38.56 | | 5741.47 |
| MW-2 | 11/04/02 | 5780.03 | NR | 38.99 | | 5741.05 |
| MW-2 | 05/21/03 | 5780.03 | ND | 39.24 | | 5740.79 |
| MW-2 | 11/15/03 | 5780.03 | ND | 38.70 | | 5741.34 |
| MW-2 | 11/16/04 | 5780.03 | ND | 37.40 | | 5742.63 |
| MW-2 | 11/08/05 | 5780.03 | ND | 37.76 | | 5742.27 |
| MW-2 | 11/08/06 | 5780.03 | ND | 38.65 | | 5741.38 |
| MW-2 | 11/29/07 | 5780.03 | ND | 39.67 | | 5740.36 |
| MW-2 | 08/12/08 | 5780.03 | ND | 39.75 | | 5740.28 |
| MW-2 | 11/07/08 | 5780.03 | ND | 39.97 | | 5740.06 |
| MW-2 | 02/06/09 | 5780.03 | ND | 39.73 | | 5740.30 |
| MW-2 | 05/04/09 | 5780.03 | ND | 39.83 | | 5740.20 |
| MW-2 | 08/26/09 | 5780.03 | ND | 40.19 | | 5739.84 |
| MW-2 | 11/03/09 | 5780.03 | ND | 40.32 | | 5739.71 |
| MW-2 | 02/11/10 | 5780.03 | ND | 40.17 | | 5739.86 |
| MW-2 | 05/25/10 | 5780.03 | ND | 40.40 | | 5739.63 |
| MW-2 | 09/24/10 | 5780.03 | ND | 40.74 | | 5739.29 |
| MW-2 | 11/09/10 | 5780.03 | ND | 40.35 | | 5739.68 |
| MW-2 | 02/01/11 | 5780.03 | ND | 40.39 | | 5739.64 |
| MW-2 | 05/03/11 | 5780.03 | ND | 40.96 | | 5739.07 |
| MW-2 | 09/27/11 | 5780.03 | ND | 41.05 | | 5738.98 |
| MW-2 | 11/16/11 | 5780.03 | ND | 41.07 | | 5738.96 |

TABLE-2 GROUNDWATER ELEVATION RESULTS

| Fogelson 4-1 | | | | | | |
|---------------------|-------------|------------|-----------------------------|-----------------------------|------------------------------|---------------------------|
| Location | Date | TOC | Depth to LNAPL (ft.) | Depth to Water (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-2 | 02/16/12 | 5780.03 | ND | 41.15 | | 5738.88 |
| MW-2 | 05/07/12 | 5780.03 | ND | 41.15 | | 5738.88 |
| MW-2 | 06/04/13 | 5780.03 | ND | 41.54 | | 5738.49 |
| MW-2 | 09/09/13 | 5780.03 | ND | 41.64 | | 5738.39 |
| MW-2 | 12/13/13 | 5780.03 | ND | 41.66 | | 5738.37 |
| MW-2 | 04/05/14 | 5780.03 | ND | 41.64 | | 5738.39 |
| MW-2 | 10/21/14 | 5780.03 | ND | 41.93 | | 5738.10 |
| MW-2 | 05/30/15 | 5780.03 | ND | 42.10 | | 5737.93 |
| MW-2 | 11/18/15 | 5780.03 | ND | 42.03 | | 5738.00 |
| MW-2 | 04/16/16 | 5780.03 | ND | 42.01 | | 5738.02 |
| MW-2 | 10/14/16 | 5780.03 | ND | 42.38 | | 5737.65 |
| MW-2 | 06/10/17 | 5780.03 | ND | 42.08 | | 5737.95 |
| MW-2 | 11/13/17 | 5780.03 | ND | 42.24 | | 5737.79 |
| MW-2 | 05/17/18 | 5780.03 | ND | 42.12 | | 5737.91 |
| MW-2 | 10/28/18 | 5780.03 | ND | 42.51 | | 5737.52 |
| MW-2 | 05/23/19 | 5780.03 | ND | 42.31 | | 5737.72 |
| MW-2 | 11/13/19 | 5780.03 | ND | 42.58 | | 5737.45 |
| MW-2 | 05/15/20 | 5780.03 | ND | 42.64 | | 5737.39 |
| MW-2 | 11/14/20 | 5780.03 | ND | 42.78 | | 5737.25 |
| | | | | | | |
| MW-3 | 07/27/00 | 5780.83 | NR | 41.21 | | 5739.62 |
| MW-3 | 05/30/01 | 5780.83 | NR | 40.77 | | 5740.06 |
| MW-3 | 05/15/02 | 5780.83 | NR | 41.14 | | 5739.69 |
| MW-3 | 11/04/02 | 5780.83 | NR | 41.48 | | 5739.35 |
| MW-3 | 05/21/03 | 5780.83 | ND | 41.71 | | 5739.12 |
| MW-3 | 11/15/03 | 5780.83 | ND | 41.30 | | 5739.53 |
| MW-3 | 11/16/04 | 5780.83 | ND | 40.10 | | 5740.73 |
| MW-3 | 11/08/05 | 5780.83 | ND | 40.71 | | 5740.12 |
| MW-3 | 11/08/06 | 5780.83 | ND | 41.47 | | 5739.36 |
| MW-3 | 11/29/07 | 5780.83 | 43.01 | 43.10 | 0.09 | 5737.80 |
| MW-3 | 08/12/08 | 5780.83 | ND | 42.47 | | 5738.36 |
| MW-3 | 11/07/08 | 5780.83 | ND | 42.69 | | 5738.14 |
| MW-3 | 02/06/09 | 5780.83 | ND | 42.47 | | 5738.36 |
| MW-3 | 05/04/09 | 5780.83 | ND | 42.50 | | 5738.33 |
| MW-3 | 08/26/09 | 5780.83 | ND | 42.90 | | 5737.93 |
| MW-3 | 11/03/09 | 5780.83 | ND | 43.03 | | 5737.80 |
| MW-3 | 02/11/10 | 5780.83 | ND | 42.79 | | 5738.04 |
| MW-3 | 05/25/10 | 5780.83 | ND | 42.97 | | 5737.86 |
| MW-3 | 09/24/10 | 5780.83 | ND | 43.25 | | 5737.58 |
| MW-3 | 11/09/10 | 5780.83 | ND | 42.97 | | 5737.86 |
| MW-3 | 02/01/11 | 5780.83 | ND | 42.82 | | 5738.01 |
| MW-3 | 05/03/11 | 5780.83 | ND | 43.41 | | 5737.42 |

TABLE-2 GROUNDWATER ELEVATION RESULTS

| Fogelson 4-1 | | | | | | |
|---------------------|-------------|------------|-----------------------------|-----------------------------|------------------------------|---------------------------|
| Location | Date | TOC | Depth to LNAPL (ft.) | Depth to Water (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-3 | 09/27/11 | 5780.83 | ND | 43.40 | | 5737.43 |
| MW-3 | 11/16/11 | 5780.83 | ND | 43.36 | | 5737.47 |
| MW-3 | 02/16/12 | 5780.83 | ND | 43.41 | | 5737.42 |
| MW-3 | 05/07/12 | 5780.83 | ND | 43.46 | | 5737.37 |
| MW-3 | 06/04/13 | 5780.83 | ND | 43.82 | | 5737.01 |
| MW-3 | 09/09/13 | 5780.83 | ND | 43.93 | | 5736.90 |
| MW-3 | 12/13/13 | 5780.83 | ND | 43.93 | | 5736.90 |
| MW-3 | 04/05/14 | 5780.83 | ND | 43.88 | | 5736.95 |
| MW-3 | 10/21/14 | 5780.83 | ND | 44.16 | | 5736.67 |
| MW-3 | 05/30/15 | 5780.83 | ND | 44.31 | | 5736.52 |
| MW-3 | 11/18/15 | 5780.83 | ND | 44.18 | | 5736.65 |
| MW-3 | 04/16/16 | 5780.83 | ND | 44.10 | | 5736.73 |
| MW-3 | 10/14/16 | 5780.83 | ND | 44.58 | | 5736.25 |
| MW-3 | 06/10/17 | 5780.83 | ND | 44.25 | | 5736.58 |
| MW-3 | 11/13/17 | 5780.83 | ND | 44.44 | | 5736.39 |
| MW-3 | 05/17/18 | 5780.83 | ND | 44.32 | | 5736.51 |
| MW-3 | 10/28/18 | 5780.83 | ND | 44.67 | | 5736.16 |
| MW-3 | 05/23/19 | 5780.83 | ND | 44.37 | | 5736.46 |
| MW-3 | 11/13/19 | 5780.83 | ND | 44.70 | | 5736.13 |
| MW-3 | 05/15/20 | 5780.83 | ND | 44.72 | | 5736.11 |
| MW-3 | 11/14/20 | 5780.83 | ND | 44.85 | | 5735.98 |
| | | | | | | |
| MW-4 | 06/10/17 | 5782.14 | ND | 46.36 | | 5735.78 |
| MW-4 | 11/13/17 | 5782.14 | ND | 46.49 | | 5735.65 |
| MW-4 | 05/17/18 | 5782.14 | ND | 46.49 | | 5735.65 |
| MW-4 | 10/28/18 | 5782.14 | ND | 46.74 | | 5735.40 |
| MW-4 | 05/23/19 | 5782.14 | ND | 46.67 | | 5735.47 |
| MW-4 | 11/13/19 | 5782.14 | ND | 46.75 | | 5735.39 |
| MW-4 | 05/15/20 | 5782.14 | ND | 46.83 | | 5735.31 |
| MW-4 | 11/14/20 | 5782.14 | ND | 46.95 | | 5735.19 |
| | | | | | | |
| MW-5 | 06/10/17 | 5780.92 | ND | 44.21 | | 5736.71 |
| MW-5 | 11/13/17 | 5780.92 | ND | 44.49 | | 5736.43 |
| MW-5 | 05/17/18 | 5780.92 | ND | 44.56 | | 5736.36 |
| MW-5 | 10/28/18 | 5780.92 | ND | 44.74 | | 5736.18 |
| MW-5 | 05/23/19 | 5780.92 | ND | 44.73 | | 5736.19 |
| MW-5 | 11/13/19 | 5780.92 | 44.87 | 44.99 | 0.12 | 5736.02 |
| MW-5 | 05/15/20 | 5780.92 | 44.84 | 45.01 | 0.17 | 5736.04 |
| MW-5 | 11/14/20 | 5780.92 | 45.06 | 45.10 | 0.04 | 5735.85 |
| | | | | | | |
| MW-6 | 06/10/17 | 5783.82 | ND | 47.78 | | 5736.04 |
| MW-6 | 11/13/17 | 5783.82 | ND | 48.03 | | 5735.79 |
| MW-6 | 05/17/18 | 5783.82 | ND | 47.85 | | 5735.97 |

TABLE-2 GROUNDWATER ELEVATION RESULTS

| Fogelson 4-1 | | | | | | |
|---------------------|-------------|------------|-----------------------------|-----------------------------|------------------------------|---------------------------|
| Location | Date | TOC | Depth to LNAPL (ft.) | Depth to Water (ft.) | LNAPL Thickness (ft.) | GW Elevation (ft.) |
| MW-6 | 10/28/18 | 5783.82 | ND | 48.11 | | 5735.71 |
| MW-6 | 05/23/19 | 5783.82 | ND | 47.48 | | 5736.34 |
| MW-6 | 11/13/19 | 5783.82 | ND | 47.92 | | 5735.90 |
| MW-6 | 05/15/20 | 5783.82 | ND | 47.85 | | 5735.97 |
| MW-6 | 11/14/20 | 5783.82 | ND | 47.94 | | 5735.88 |
| | | | | | | |
| MW-7 | 06/10/17 | 5783.95 | ND | 43.89 | | 5740.06 |
| MW-7 | 11/13/17 | 5783.95 | ND | 44.09 | | 5739.86 |
| MW-7 | 05/17/18 | 5783.95 | ND | 44.12 | | 5739.83 |
| MW-7 | 10/28/18 | 5783.95 | ND | 44.30 | | 5739.65 |
| MW-7 | 05/23/19 | 5783.95 | ND | 44.33 | | 5739.62 |
| MW-7 | 11/13/19 | 5783.95 | ND | 44.51 | | 5739.44 |
| MW-7 | 05/15/20 | 5783.95 | ND | 44.60 | | 5739.35 |
| MW-7 | 11/14/20 | 5783.95 | ND | 44.76 | | 5739.19 |
| | | | | | | |
| MW-8 | 10/28/18 | 5784.44 | ND | 43.30 | | 5741.14 |
| MW-8 | 05/23/19 | 5784.44 | ND | 42.65 | | 5741.79 |
| MW-8 | 11/13/19 | 5784.44 | ND | 42.65 | | 5741.79 |
| MW-8 | 05/15/20 | 5784.44 | ND | 42.54 | | 5741.90 |
| MW-8 | 11/14/20 | 5784.44 | ND | 42.88 | | 5741.56 |
| | | | | | | |
| MW-9 | 10/28/18 | 5784.19 | ND | 49.66 | | 5734.53 |
| MW-9 | 05/23/19 | 5784.19 | ND | 49.41 | | 5734.78 |
| MW-9 | 11/13/19 | 5784.19 | ND | 49.48 | | 5734.71 |
| MW-9 | 05/15/20 | 5784.19 | ND | 49.52 | | 5734.67 |
| MW-9 | 11/14/20 | 5784.19 | ND | 49.61 | | 5734.58 |

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

Groundwater elevation = Top of Casing elevation (TOC, ft) - (Depth to Water [ft] - [LPH thickness [ft] x 0.75]). A specific gravity of 0.75 is within the range of gas condensate (<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate>)

TABLE 3 - FREE PRODUCT RECOVERY SUMMARY

| Fogelson 4-1 Com #14 | | | | | | |
|---------------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|------------------------------|----------------------|
| Well ID - MW-1 | Depth to Product (Feet) | Depth to Water (Feet) | Measured Thickness (Feet) | Product Recovered (gal) | Water Recovered (gal) | Recovery Type |
| Date | | | | | | |
| 4/16/2016 | 45.00 | 45.05 | 0.05 | <0.01 | 0.01 | manual |
| 10/14/2016 | 45.12 | 45.12 | <0.01 | <0.01 | 0.01 | manual |
| 6/10/2017 | 45.25 | 45.30 | 0.05 | <0.01 | 0.01 | manual |
| 11/13/2017 | 45.42 | 45.43 | 0.01 | <0.01 | 0.01 | manual |
| 5/17/2018 | 45.48 | 45.48 | <0.01 | <0.01 | 0.01 | manual |
| MW-1 replaced with MW-1R on 9/28/2018 | | | | | | |
| | | | Total: | <0.01 | 0.05 | |
| | | | | | | |
| Well ID - MW-1R | | | | | | |
| 8/18/2020 | 47.69 | 47.69 | <0.01 | <0.01 | 0.12 | manual |
| | | | Total: | 0 | 0.12 | |
| | | | | | | |
| Well ID - MW-5 | | | | | | |
| 11/10/2019 | 44.87 | 44.99 | 0.12 | 0.08 | 0.10 | manual |
| 5/11/2020 | 44.84 | 45.01 | 0.17 | 0.46 | 0.33 | manual |
| 8/18/2020 | 46.03 | 46.08 | 0.05 | 0.05 | 0.26 | manual |
| 11/14/2020 | 45.06 | 45.10 | 0.04 | <0.01 | 0.03 | manual |
| | | | Total: | 0.59 | 0.69 | |

Notes:

gal = gallons.

Product recovery data for 2015 and previous years documented in previously-submitted reports.

FIGURES

FIGURE 1: SITE LOCATION

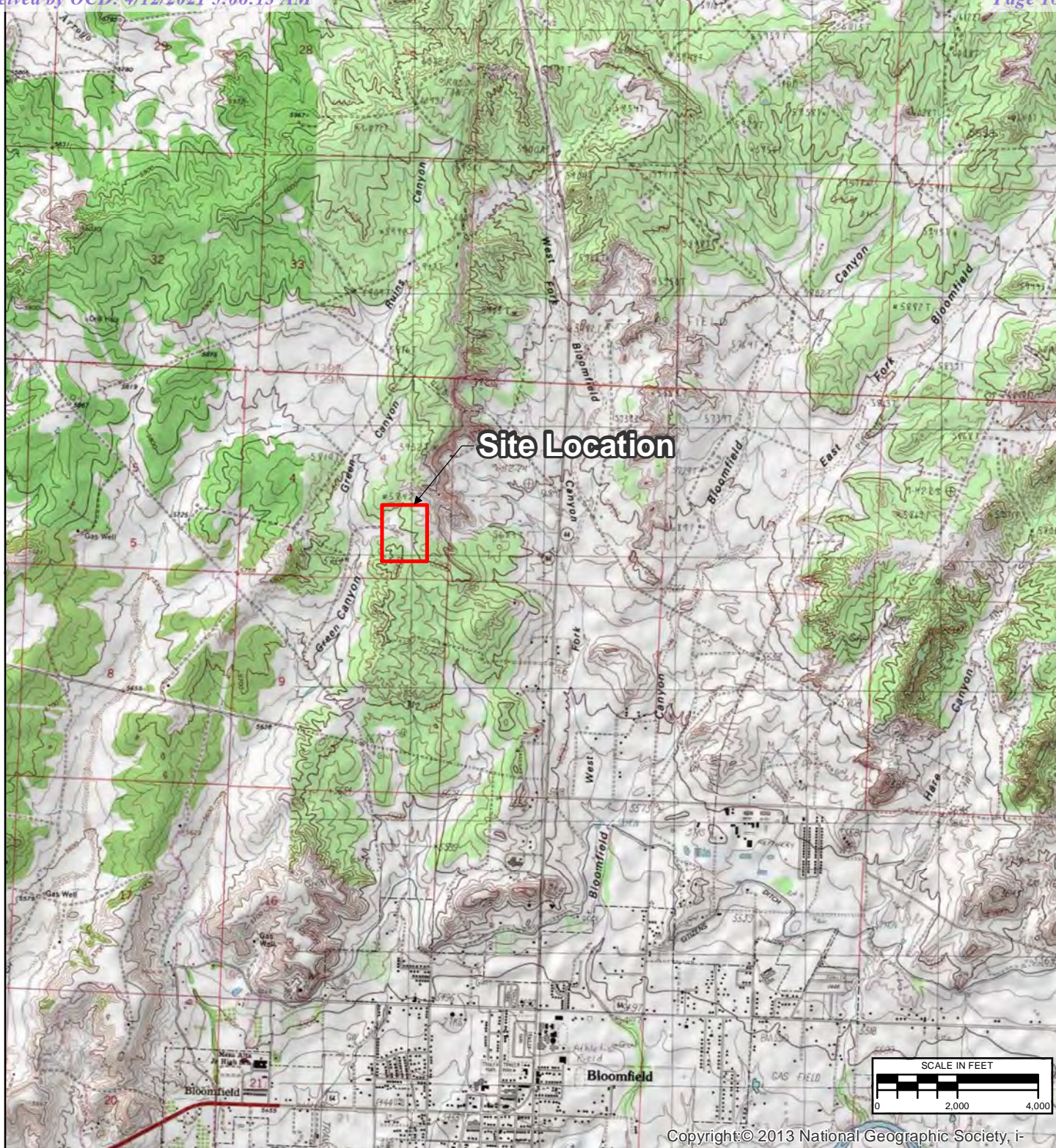
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS MAY 15, 2020


FIGURE 4: GROUNDWATER ELEVATION MAP MAY 15, 2020

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS NOVEMBER 14, 2020

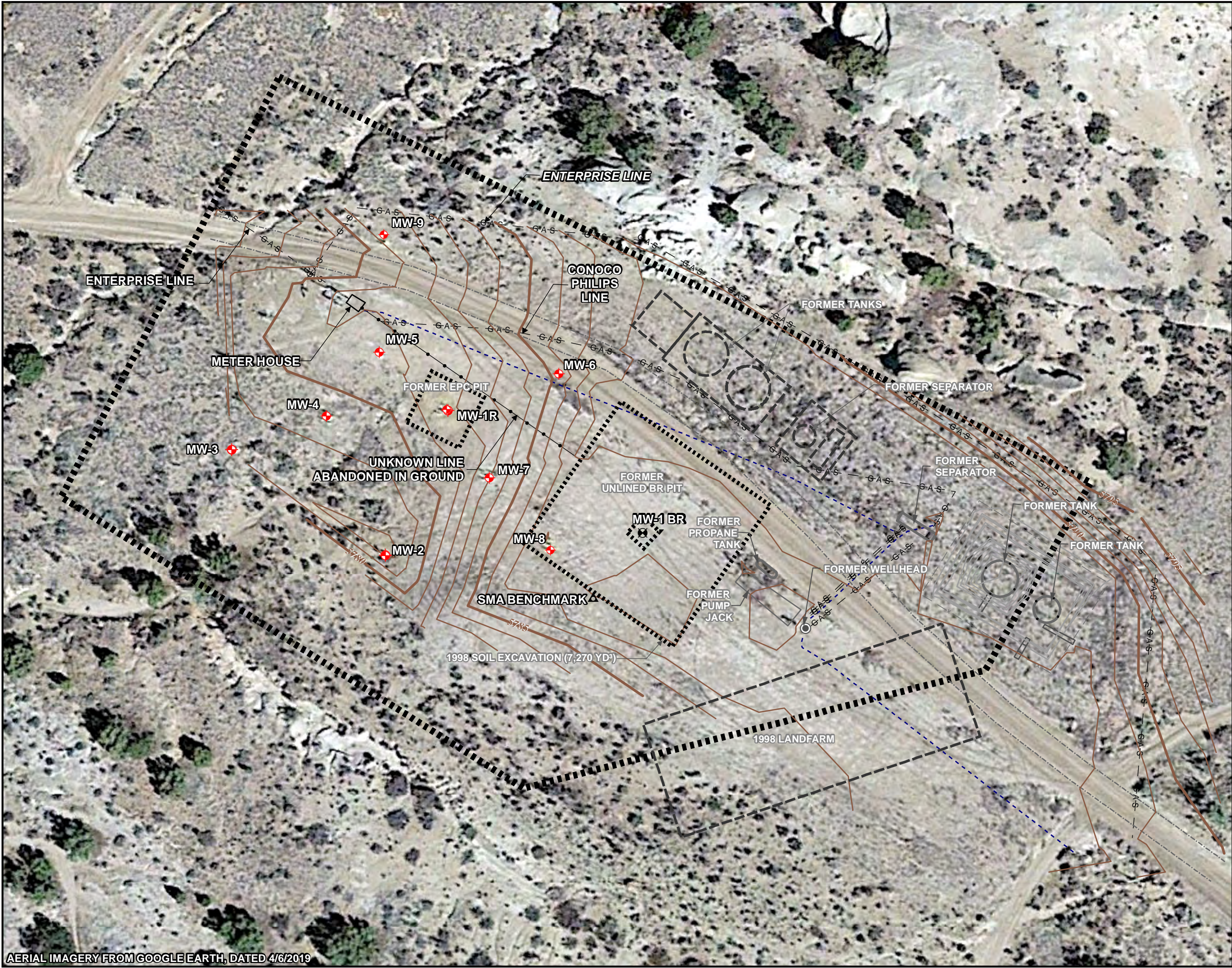
FIGURE 6: GROUNDWATER ELEVATION MAP NOVEMBER 14, 2020



| REVISION | DATE | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|-----------|-----------|----------|-------------|
| | 2/16/2021 | SAH | SAH | SRV |

| | | |
|---------------|---|---|
| TITLE | |  |
| SITE LOCATION | | |
| PROJECT | FOGELSON 4-1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO | FIGURE 1 |

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXD\S\Fogelson_4-1 COM #14\2020 MAPS\Fogelson_SITEMAP_2020.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATED 4/6/2019

LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FORMER PIT OR EXCAVATION
- GAS LINE
- UNDERGROUND CABLE
- RIGHT OF WAY BOUNDARY
- MONITORING WELL
- FORMER WELLHEAD
- SMA BENCHMARK
- FORMER MONITORING WELL (NOT EPCGP-OWNED)

SCALE IN FEET

| REVISION | DATE | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|---------|-----------|----------|-------------|
| | 2/22/21 | SAH | SAH | SRV |

TITLE:

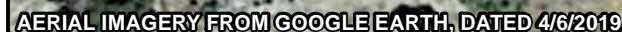
SITE PLAN

PROJECT:

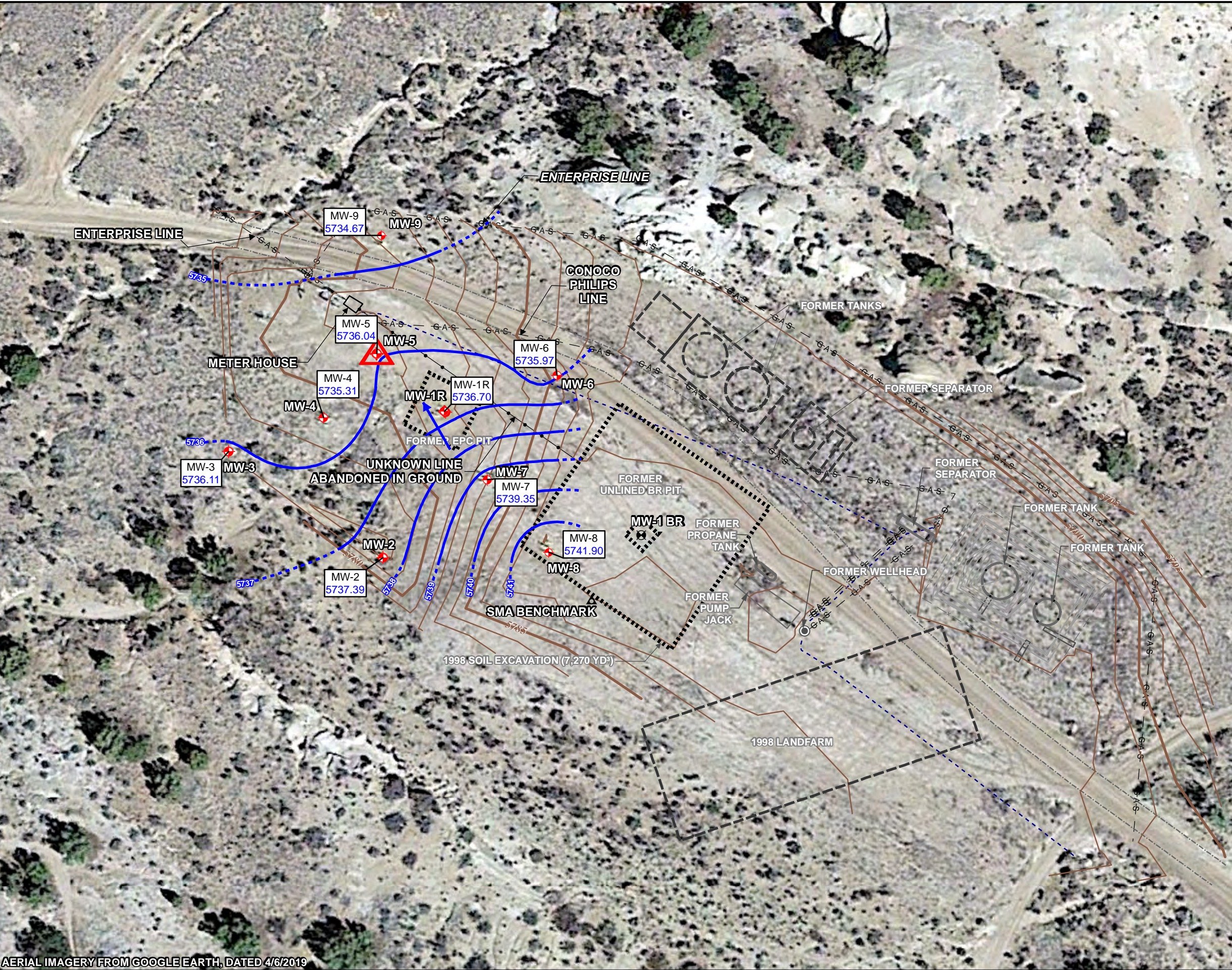
*FOGELSON 4-1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO*

Figure No.:
2

\\Us0389-ppfss01\shared_projects\193710238\07_historical\ISJRB GENERAL\IGIS-NEW\ MXDs\FOGELSON 4-1 COM #14\2020 MAPS\Fogelson GARM 1SA 2020.mxd



\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXD\S\Fogelson_4-1 COM #14\2020 MAPS\Fogelson_GECM_1SA_2020.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATED 4/6/2019

LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FORMER PIT OR EXCAVATION
- GAS LINE
- UNDERGROUND CABLE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- FORMER WELLHEAD
- SMA BENCHMARK
- FORMER MONITORING WELL (NOT EPCGP-OWNED)

NOTES:

- 5741.90 GROUNDWATER ELEVATION CORRECTED FOR PRODUCT THICKNESS. FEET ABOVE MEAN SEA LEVEL
- 5741 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW

SCALE IN FEET

| REVISION | DATE | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|--------|-----------|----------|-------------|
| | 2/2021 | SAH | | SRV |

| | |
|----------|---|
| TITLE: | GROUNDWATER ELEVATION MAP MAY 15, 2020 |
| PROJECT: | FOGELSON 4-1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO |
| Stantec | Figure No.: 4 |

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXD\S\FOGELSON 4-1 COM #14\2020 MAPS\Fogelson_GARM_2SA_2020.mxd



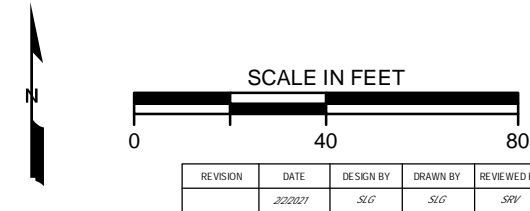
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 4/6/2019

LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FORMER PIT OR EXCAVATION
- GAS GAS LINE
- UNDERGROUND CABLE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- FORMER WELLHEAD
- SMA BENCHMARK
- FORMER MONITORING WELL (NOT EPCGP-OWNED)

NOTES:
DUP = FIELD DUPLICATE SAMPLE
EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:
RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = BELOW REPORTING LIMIT

| ANALYTE | NMWQCC STANDARDS |
|-------------------|------------------|
| B = Benzene | 10 µg/L |
| T = Toluene | 750 µg/L |
| E = Ethylbenzene | 750 µg/L |
| X = Total Xylenes | 620 µg/L |



TITLE:
*GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 14, 2020*

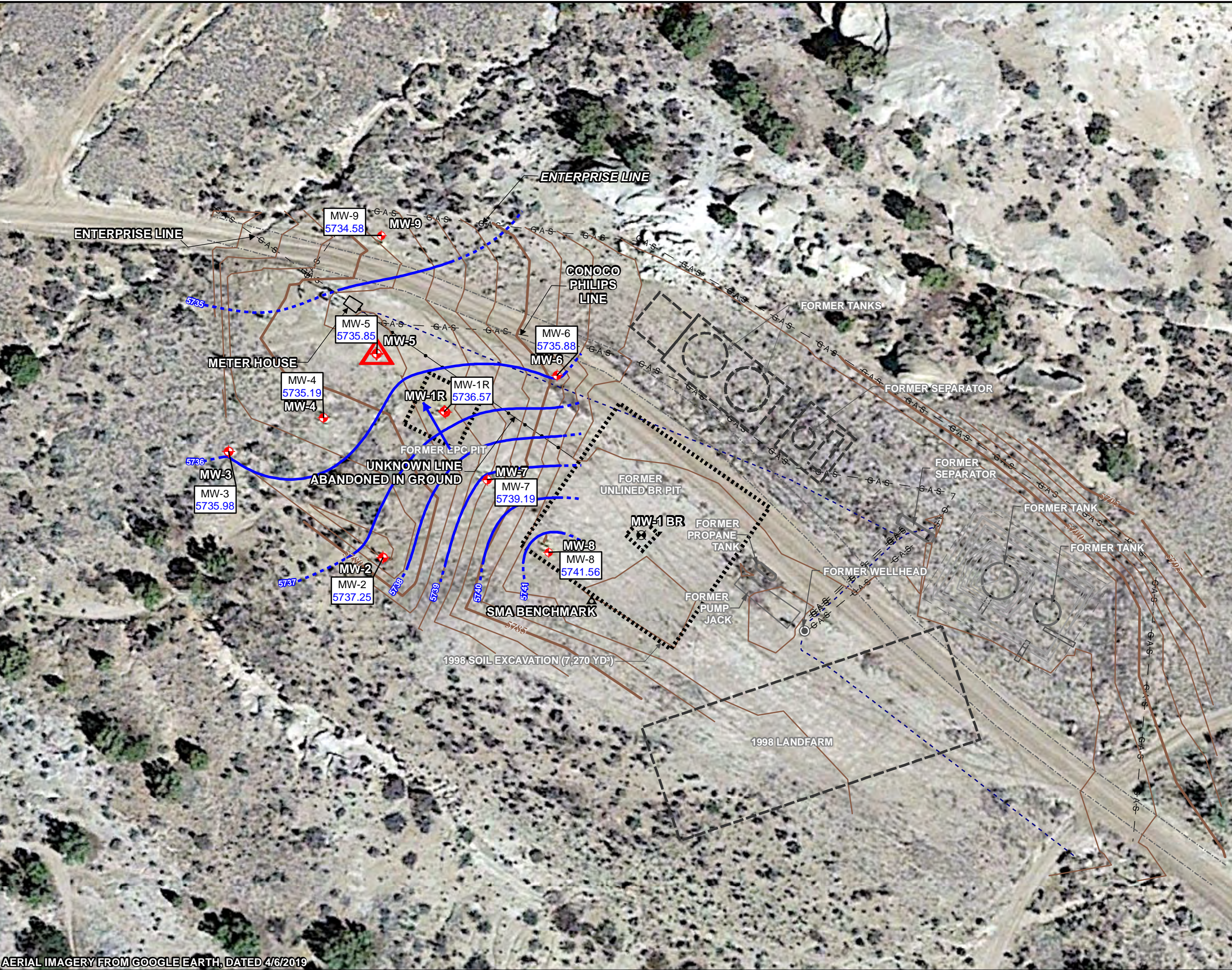
PROJECT: *FOGELSON 4-1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO*



Figure No.:

5

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXD\S\FOGELSON 4-1 COM #14\2020 MAPS\Fogelson_GECM_2SA_2020.mxd



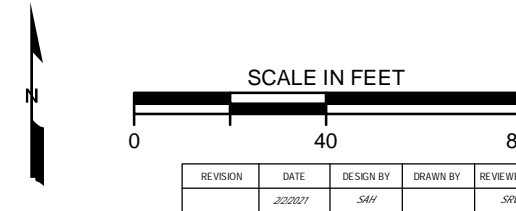
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 4/6/2019

LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FORMER PIT OR EXCAVATION
- GAS LINE
- UNDERGROUND CABLE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- FORMER WELLHEAD
- SMA BENCHMARK
- FORMER MONITORING WELL (NOT EPCGP-OWNED)

NOTES:

- GROUNDWATER ELEVATION CORRECTED FOR PRODUCT THICKNESS. FEET ABOVE MEAN SEA LEVEL
- CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW



| | | | |
|----------|--|---|---|
| TITLE: | | GROUNDWATER ELEVATION MAP NOVEMBER 14, 2020 | |
| PROJECT: | | FOGELSON 4-1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO | |
| | | Figure No.: | 6 |

APPENDICES

APPENDIX A – NMOCD NOTIFICATIONS OF SAMPLING ACTIVITIES

APPENDIX B – WASTEWATER DISPOSAL DOCUMENTATION

APPENDIX C – MAY 15, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT
NOVEMBER 14, 2020 GROUNDWATER SAMPLING ANALYTICAL
REPORT

APPENDIX A

From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Bcc: [Varsa, Steve](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Tuesday, May 05, 2020 9:45:00 PM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

| Site Name | NMOCD Case # | Sample Date |
|----------------------------|--------------|-------------|
| Canada Mesa #2 | 3RP-155-0 | 05/11/2020 |
| Fields A#7A | 3RP-170-0 | 05/13/2020 |
| Fogelson 4-1 | 3RP-068-0 | 05/15/2020 |
| Gallegos Canyon Unit #124E | 3RP-407-0 | 05/16/2020 |
| GCU Com A #142E | 3RP-179-0 | 05/15/2020 |
| James F. Bell #1E | 3RP-196-0 | 05/16/2020 |
| Johnston Fed #4 | 3RP-201-0 | 05/17/2020 |
| Johnston Fed #6A | 3RP-202-0 | 05/17/2020 |
| K27 LDO72 | 3RP-204-0 | 05/12/2020 |
| Knight #1 | 3RP-207-0 | 05/14/2020 |
| Lateral L 40 Line Drip | 3RP-212-0 | 05/14/2020 |
| Miles Fed #1A | 3RP-223-0 | 05/11/2020 |
| Sandoval GC A #1A | 3RP-235-0 | 05/15/2020 |
| Standard Oil Com #1 | 3RP-238-0 | 05/12/2020 |
| State Gas Com N #1 | 3RP-239-0 | 05/13/2020 |

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Wednesday, August 12, 2020 3:05:25 PM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming product recovery activities at the following El Paso CGP Company (EPCGP) project sites:

| Site Name | Incident Number | Case Number | Date |
|----------------------------|-----------------|-------------|------------|
| Canada Mesa #2 | Unknown | 3RP-155-0 | 08/19/2020 |
| Fields A#7A | Unknown | 3RP-170-0 | 08/18/2020 |
| Fogelson 4-1 | Unknown | 3RP-068-0 | 08/18/2020 |
| Gallegos Canyon Unit #124E | NAUTOFAB000205 | 3RP-407-0 | 08/18/2020 |
| James F. Bell #1E | Unknown | 3RP-196-0 | 08/18/2020 |
| Johnston Fed #4 | Unknown | 3RP-201-0 | 08/19/2020 |
| Johnston Fed #6A | Unknown | 3RP-202-0 | 08/19/2020 |
| K27 LDO72 | Unknown | 3RP-204-0 | 08/19/2020 |
| Knight #1 | Unknown | 3RP-207-0 | 08/18/2020 |
| Lateral L 40 Line Drip | Unknown | 3RP-212-0 | 08/19/2020 |
| State Gas Com N #1 | Unknown | 3RP-239-0 | 08/18/2020 |

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Smith, Cory, EMNRD](#)
To: [Varsa, Steve](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: RE: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Thursday, November 05, 2020 8:56:01 AM

Steve,

Thank you for the notification.

Cory Smith
 Environmental Specialist
 Oil Conservation Division
 Energy, Minerals, & Natural Resources
 1000 Rio Brazos, Aztec, NM 87410
 (505)334-6178 ext 115
cory.smith@state.nm.us

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Thursday, November 5, 2020 6:02 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXT] El Paso CGP Company - Notice of upcoming groundwater sampling activities

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

| Site Name | NMOCD Case # | Sample Date |
|----------------------------|--------------|-------------|
| Canada Mesa #2 | 3RP-155-0 | 11/12/2020 |
| Fields A#7A | 3RP-170-0 | 11/14/2020 |
| Fogelson 4-1 | 3RP-068-0 | 11/14/2020 |
| Gallegos Canyon Unit #124E | 3RP-407-0 | 11/11/2020 |
| GCU Com A #142E | 3RP-179-0 | 11/11/2020 |
| James F. Bell #1E | 3RP-196-0 | 11/15/2020 |
| Johnston Fed #4 | 3RP-201-0 | 11/13/2020 |
| Johnston Fed #6A | 3RP-202-0 | 11/13/2020 |
| K27 LDO72 | 3RP-204-0 | 11/12/2020 |
| Knight #1 | 3RP-207-0 | 11/11/2020 |
| Lateral L 40 Line Drip | 3RP-212-0 | 11/15/2020 |
| Miles Fed #1A | 3RP-223-0 | 11/12/2020 |
| Sandoval GC A #1A | 3RP-235-0 | 11/13/2020 |
| Standard Oil Com #1 | 3RP-238-0 | 11/12/2020 |
| State Gas Com N #1 | 3RP-239-0 | 11/14/2020 |

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.

Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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APPENDIX B



BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8938 or 505-334-1013

OPEN 24 Hours per Day

NO. 732583

NMOCD PERMIT: NM-001-0005

Oil Field Waste Document, Form C138

INVOICE:

DATE 5.13.20GENERATOR: EI Paso CGPHAULING CO: StanterORDERED BY: Joe W

DEL. TKT#.

BILL TO: EI Paso CGPDRIVER: _____
(Print Full Name)

CODES: _____

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste☒ Produced Water ☐ Drilling/Completion FluidsSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|---------------------------------|--------|------|-----|------|-------|------|
| 1 | | Fields #7A / State Gas Com | | | | | | |
| 2 | | Comanche Mesa #2 K276D072 | | | | | | |
| 3 | | Miles Fed #1A Standered Oil Com | 1 | .70 | | | 70¢ | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

I, Joe W 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 Joe W

SAN JUAN PRINTING 0818018B



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

796735

NO.
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE: 8/18/20
GENERATOR: EL PASO CCGP
HAULING CO.: Slam Tech
ORDERED BY: Steve

DEL. TKT#:
BILL TO: EL PASO CCGP
DRIVER: Steve
(Print Full Name)
CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☐ Produced Water ☐ Drilling/Completion Fluids
STATE: ☐ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|-----------------------------------|--------|------|-----|------|-------|------|
| 1 | | JF BCU, Knight, | 175 | 70 | | | 10.50 | |
| 2 | | State Gas Com, Fields, Foxe, etc. | | | | | | |
| | | GCU 124 E | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

I, [Signature] 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 [Signature]

SAN JUAN PRINTING 0818018B

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

NO. **800536**

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DATE 11/15/20GENERATOR: EPKCHAULING CO. EPKCORDERED BY: Joe W.

DEL. TKT#.

BILL TO: Joe W.DRIVER: Sean C.
(Print Full Name)

CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste☒ Produced Water☐ Drilling/Completion FluidsSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

| NO. | TRUCK | LOCATION(S) | VOLUME | COST | H2S | COST | TOTAL | TIME |
|-----|-------|-------------------|--------|------|-----|------|-------|------|
| 1 | | Field A #7A | 1 | 70 | | 0070 | | |
| 2 | | State Gascom N#1 | | | | | | |
| 3 | | Fogelson 11-1 | | | | | | |
| 4 | | Lat L10 | | | | | | |
| 5 | | James F. Bell #1E | | | | | | |

20 NOV 15 5:52 PM

I, Sean C., representative or authorized agent for _____ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☒ Approved☐ DeniedATTENDANT SIGNATURE Edmond

SAN JUAN PRINTING 2020 1973-1

APPENDIX C



Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-188136-1

Client Project/Site: EIPaso CGP Company-Fogelson 4-1
Com#14

For:

Stantec Consulting Services Inc
11153 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Authorized for release by:
5/29/2020 5:09:50 PM

Marty Edwards, Client Service Manager
(850)471-6227
marty.edwards@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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.

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Laboratory Job ID: 400-188136-1

Table of Contents

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| Sample Summary | 6 |
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Definitions/Glossary

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

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) |
| MQL | Method Quantitation Limit |
| 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-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Job ID: 400-188136-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-188136-1

Comments

No additional comments.

Receipt

The samples were received on 5/16/2020 8:18 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

GC/MS 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-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-1R

Lab Sample ID: 400-188136-1

☐ No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-188136-2

☐ No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-188136-3

☐ No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-188136-4

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|------|---------|---|--------|-----------|
| Benzene | 12 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |
| Ethylbenzene | 16 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-8

Lab Sample ID: 400-188136-5

☐ No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-188136-6

☐ No Detections.

Client Sample ID: TB-01

Lab Sample ID: 400-188136-7

☐ No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-188136-8

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 400-188136-1 | MW-1R | Water | 05/15/20 07:55 | 05/16/20 08:18 | |
| 400-188136-2 | MW-4 | Water | 05/15/20 08:17 | 05/16/20 08:18 | |
| 400-188136-3 | MW-6 | Water | 05/15/20 08:27 | 05/16/20 08:18 | |
| 400-188136-4 | MW-7 | Water | 05/15/20 09:01 | 05/16/20 08:18 | |
| 400-188136-5 | MW-8 | Water | 05/15/20 09:11 | 05/16/20 08:18 | |
| 400-188136-6 | MW-9 | Water | 05/15/20 09:23 | 05/16/20 08:18 | |
| 400-188136-7 | TB-01 | Water | 05/15/20 07:00 | 05/16/20 08:18 | |
| 400-188136-8 | DUP-01 | Water | 05/15/20 01:00 | 05/16/20 08:18 | |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-1R

Lab Sample ID: 400-188136-1

Date Collected: 05/15/20 07:55

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:34 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:34 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:34 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 19:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101 | | 78 - 118 | | 05/20/20 19:34 | 1 |
| Dibromofluoromethane | 91 | | 81 - 121 | | 05/20/20 19:34 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | 05/20/20 19:34 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-4

Lab Sample ID: 400-188136-2

Date Collected: 05/15/20 08:17

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 17:06 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 17:06 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 17:06 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 17:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 100 | | 78 - 118 | | 05/20/20 17:06 | 1 |
| Dibromofluoromethane | 91 | | 81 - 121 | | 05/20/20 17:06 | 1 |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | 05/20/20 17:06 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-6

Lab Sample ID: 400-188136-3

Date Collected: 05/15/20 08:27

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:59 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:59 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 19:59 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 19:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 96 | | 78 - 118 | | 05/20/20 19:59 | 1 |
| Dibromofluoromethane | 91 | | 81 - 121 | | 05/20/20 19:59 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 05/20/20 19:59 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-7

Lab Sample ID: 400-188136-4

Date Collected: 05/15/20 09:01

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | 12 | | 1.0 | ug/L | | | 05/20/20 20:23 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 20:23 | 1 |
| Ethylbenzene | 16 | | 1.0 | ug/L | | | 05/20/20 20:23 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 20:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 102 | | 78 - 118 | | 05/20/20 20:23 | 1 |
| Dibromofluoromethane | 90 | | 81 - 121 | | 05/20/20 20:23 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 05/20/20 20:23 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-8

Lab Sample ID: 400-188136-5

Date Collected: 05/15/20 09:11

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 20:48 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 20:48 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 20:48 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 20:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101 | | 78 - 118 | | 05/20/20 20:48 | 1 |
| Dibromofluoromethane | 94 | | 81 - 121 | | 05/20/20 20:48 | 1 |
| Toluene-d8 (Surr) | 100 | | 80 - 120 | | 05/20/20 20:48 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-9

Lab Sample ID: 400-188136-6

Date Collected: 05/15/20 09:23

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:13 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:13 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:13 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 21:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 102 | | 78 - 118 | | 05/20/20 21:13 | 1 |
| Dibromofluoromethane | 91 | | 81 - 121 | | 05/20/20 21:13 | 1 |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | 05/20/20 21:13 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: TB-01

Lab Sample ID: 400-188136-7

Date Collected: 05/15/20 07:00

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 18:45 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 18:45 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 18:45 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 18:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101 | | 78 - 118 | | 05/20/20 18:45 | 1 |
| Dibromofluoromethane | 84 | | 81 - 121 | | 05/20/20 18:45 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | 05/20/20 18:45 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: DUP-01

Lab Sample ID: 400-188136-8

Date Collected: 05/15/20 01:00

Matrix: Water

Date Received: 05/16/20 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:37 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:37 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 21:37 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 21:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101 | | 78 - 118 | | 05/20/20 21:37 | 1 |
| Dibromofluoromethane | 90 | | 81 - 121 | | 05/20/20 21:37 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 05/20/20 21:37 | 1 |

Eurofins TestAmerica, Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

GC/MS VOA

Analysis Batch: 489825

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-188136-1 | MW-1R | Total/NA | Water | 8260C | |
| 400-188136-2 | MW-4 | Total/NA | Water | 8260C | |
| 400-188136-3 | MW-6 | Total/NA | Water | 8260C | |
| 400-188136-4 | MW-7 | Total/NA | Water | 8260C | |
| 400-188136-5 | MW-8 | Total/NA | Water | 8260C | |
| 400-188136-6 | MW-9 | Total/NA | Water | 8260C | |
| 400-188136-7 | TB-01 | Total/NA | Water | 8260C | |
| 400-188136-8 | DUP-01 | Total/NA | Water | 8260C | |
| MB 400-489825/5 | Method Blank | Total/NA | Water | 8260C | |
| LCS 400-489825/1002 | Lab Control Sample | Total/NA | Water | 8260C | |
| 400-188136-2 MS | MW-4 | Total/NA | Water | 8260C | |
| 400-188136-2 MSD | MW-4 | Total/NA | Water | 8260C | |

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-489825/5

Matrix: Water

Analysis Batch: 489825

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 | | | 05/20/20 16:41 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 05/20/20 16:41 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 05/20/20 16:41 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 05/20/20 16:41 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 100 | | 78 - 118 | | 05/20/20 16:41 | 1 |
| Dibromofluoromethane | 90 | | 81 - 121 | | 05/20/20 16:41 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | 05/20/20 16:41 | 1 |

Lab Sample ID: LCS 400-489825/1002

Matrix: Water

Analysis Batch: 489825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|-------------|------------|---------------|------|---|------|--------------|
| Benzene | 50.0 | 42.8 | | ug/L | | 86 | 70 - 130 |
| Toluene | 50.0 | 41.6 | | ug/L | | 83 | 70 - 130 |
| Ethylbenzene | 50.0 | 43.6 | | ug/L | | 87 | 70 - 130 |
| Xylenes, Total | 100 | 85.5 | | ug/L | | 86 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 100 | | 78 - 118 |
| Dibromofluoromethane | 91 | | 81 - 121 |
| Toluene-d8 (Surr) | 101 | | 80 - 120 |

Lab Sample ID: 400-188136-2 MS

Matrix: Water

Analysis Batch: 489825

Client Sample ID: MW-4

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Benzene | <1.0 | | 50.0 | 39.9 | | ug/L | | 80 | 56 - 142 |
| Toluene | <1.0 | | 50.0 | 36.3 | | ug/L | | 73 | 65 - 130 |
| Ethylbenzene | <1.0 | | 50.0 | 37.6 | | ug/L | | 75 | 58 - 131 |
| Xylenes, Total | <10 | | 100 | 72.5 | | ug/L | | 73 | 59 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|----------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene | 100 | | 78 - 118 |
| Dibromofluoromethane | 92 | | 81 - 121 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 |

Lab Sample ID: 400-188136-2 MSD

Matrix: Water

Analysis Batch: 489825

Client Sample ID: MW-4

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-------|
| Benzene | <1.0 | | 50.0 | 38.1 | | ug/L | | 76 | 56 - 142 | 5 | 30 |
| Toluene | <1.0 | | 50.0 | 34.7 | | ug/L | | 69 | 65 - 130 | 4 | 30 |
| Ethylbenzene | <1.0 | | 50.0 | 34.6 | | ug/L | | 69 | 58 - 131 | 8 | 30 |

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: El Paso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-188136-2 MSD

Matrix: Water

Analysis Batch: 489825

Client Sample ID: MW-4

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|-----------------|-----|--------------|
| Xylenes, Total | <10 | | 100 | 67.6 | | ug/L | | 68 | 59 - 130 | 7 | 30 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene | 95 | | 78 - 118 | | | | | | | | |
| Dibromofluoromethane | 93 | | 81 - 121 | | | | | | | | |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | | | | | | | |

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: MW-1R

Date Collected: 05/15/20 07:55

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-1

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 19:34 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: MW-4

Date Collected: 05/15/20 08:17

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-2

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 17:06 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: MW-6

Date Collected: 05/15/20 08:27

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-3

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 19:59 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: MW-7

Date Collected: 05/15/20 09:01

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-4

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 20:23 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: MW-8

Date Collected: 05/15/20 09:11

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-5

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 20:48 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: MW-9

Date Collected: 05/15/20 09:23

Date Received: 05/16/20 08:18

Lab Sample ID: 400-188136-6

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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 21:13 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Client Sample ID: TB-01**Date Collected: 05/15/20 07:00****Date Received: 05/16/20 08:18****Lab Sample ID: 400-188136-7****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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 18:45 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Client Sample ID: DUP-01**Date Collected: 05/15/20 01:00****Date Received: 05/16/20 08:18****Lab Sample ID: 400-188136-8****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 | 8260C | | 1 | 5 mL | 5 mL | 489825 | 05/20/20 21:37 | RS | TAL PEN |
| Instrument ID: Brutus | | | | | | | | | | |

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
 Project/Site: El Paso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

Laboratory: Eurofins TestAmerica, Pensacola

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

| Authority | Program | Identification Number | Expiration Date |
|------------------------|---------------------|-----------------------|-----------------|
| Alabama | State | 40150 | 07-01-20 |
| ANAB | ISO/IEC 17025 | L2471 | 02-23-23 |
| Arizona | State | AZ0710 | 01-13-21 |
| Arkansas DEQ | State | 88-0689 | 09-01-20 |
| California | State | 2510 | 07-01-20 |
| Florida | NELAP | E81010 | 06-30-20 |
| Georgia | State | E81010(FL) | 06-30-20 |
| Illinois | NELAP | 004586 | 10-09-20 |
| Iowa | State | 367 | 08-01-20 |
| Kansas | NELAP | E-10253 | 08-16-20 |
| Kentucky (UST) | State | 53 | 06-30-20 |
| Kentucky (WW) | State | KY98030 | 12-31-20 |
| Louisiana | NELAP | 30976 | 06-30-20 |
| Louisiana (DW) | State | LA017 | 12-31-20 |
| Maryland | State | 233 | 09-30-20 |
| Massachusetts | State | M-FL094 | 06-30-20 |
| Michigan | State | 9912 | 06-30-20 |
| Minnesota | NELAP | 012-999-481 | 12-31-20 |
| New Jersey | NELAP | FL006 | 06-30-20 |
| New York | NELAP | 12115 | 04-01-21 |
| North Carolina (WW/SW) | State | 314 | 12-31-20 |
| Oklahoma | State | 9810-186 | 08-31-20 |
| Pennsylvania | NELAP | 68-00467 | 01-31-21 |
| Rhode Island | State | LAO00307 | 12-30-20 |
| South Carolina | State | 96026002 | 06-30-20 |
| Tennessee | State | TN02907 | 06-30-20 |
| Texas | NELAP | T104704286 | 09-30-20 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-20 |
| USDA | US Federal Programs | P330-18-00148 | 05-17-21 |
| Virginia | NELAP | 460166 | 06-14-20 |
| Washington | State | C915 | 05-15-21 |
| West Virginia DEP | State | 136 | 06-30-20 |

Eurofins TestAmerica, Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-188136-1

| Method | Method Description | Protocol | Laboratory |
|--------|-------------------------------------|----------|------------|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL PEN |
| 5030B | Purge and Trap | SW846 | TAL PEN |
| 5030C | Purge and Trap | 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 = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola

Chain of Custody Record

| | | | |
|---|--|--|--|
| Client Information Client Contact: Steve Varsa Company: Slantec Consulting Services Inc. Address: 11153 Aurora Avenue City: Des Moines State, Zip: IA, 50322-7904 Phone: 303-291-2239 (Tel) Email: steve.varsa@slantec.com Project Name: Fogelson 4-1 Com #14.00 Site: | | Lab PM: Edwards, Marty P E-Mail: marty.edwards@testamericainc.com Carrier Tracking No(s): Lab #: Job #: Page 1 of 1 COC No: 400-94228-34168.1 | |
| Due Date Requested: TAT Requested (days): STANDARD PO #: TAT See Project Notes WO #: Project #: 40005479 SSOW#: | | Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ascorbic Acid H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) | |
| Sample Identification MW-1R MW-4 MW-6 MW-7 MW-8 MW-9 TB-01 Dup-01 | | Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C - (MOD) BTEX 8260 8260C - (MOD) BTEX 8260 (unpreserved) | |
| Sample Date 5/15/2020 5/15/2020 5/15/2020 5/15/2020 5/15/2020 5/15/2020 5/15/2020 5/15/2020 | | Sample Time 0755 0817 0827 0901 0911 0923 0760 0100 | |
| Sample Type (C=comp, G=grab) G G G G G G G G | | Matrix (W=water, S=solid, O=other) Water Water Water Water Water Water Water Water | |
| Preservation Code: A N 3 3 3 3 3 3 3 | | Total Number of containers 1 1 1 1 1 1 1 1 1 | |
| Special Instructions/Note: Trip Blank Blind Dup. | | Special Instructions/Note: Trip Blank Blind Dup. | |
| Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify) | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months | | | |
| Special Instructions/QC Requirements: | | | |
| Empty Kit Relinquished by: | | Method of Shipment: FedEx | |
| Relinquished by: Adam N. Clary Date/Time: 5/15/2020 1630 | | Received by: Megan Hansen Date/Time: 5-16-20 818 | |
| Relinquished by: | | Received by: | |
| Relinquished by: | | Received by: | |
| Relinquished by: | | Received by: | |
| Custody Seals Intact: Δ Yes Δ No | | Cooler Temperature(s) °C and Other Remarks: 2.0°C DLR | |

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-188136-1

Login Number: 188136

List Source: Eurofins TestAmerica, Pensacola

List Number: 1

Creator: Hinrichsen, Megan E

| Question | Answer | Comment |
|--|--------|------------|
| Radioactivity wasn't checked or is \leq 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 | 2.0°C IR-9 |
| 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 $<6\text{mm}$ (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |



Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-195966-1

Client Project/Site: EIPaso CGP Company-Fogelson 4-1
Com#14

For:

Stantec Consulting Services Inc
11153 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Authorized for release by:
11/30/2020 3:02:07 PM

Marty Edwards, Client Service Manager
(850)471-6227
Marty.Edwards@Eurofinset.com

LINKS

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results through
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 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.

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Laboratory Job ID: 400-195966-1

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Definitions/Glossary

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| *3 | ISTD response or retention time outside acceptable limits. |

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 |
| CFU | Colony Forming Unit |
| 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) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| 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) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Job ID: 400-195966-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative 400-195966-1

Comments

No additional comments.

Receipt

The samples were received on 11/17/2020 9:36 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS VOA

Method 8260C: One of three internal standard responses was outside of acceptance limits for the following sample: (400-195869-A-20 MS). The only analyte quantitated with this internal standard is the 4-Bromofluorobenzene surrogate, which was within acceptance limits. Therefore, the data has been reported.

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: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: TB-01

Lab Sample ID: 400-195966-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-195966-2

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|------|---------|---|--------|-----------|
| Benzene | 14 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |
| Ethylbenzene | 23 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-1R

Lab Sample ID: 400-195966-3

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-195966-4

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-195966-5

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|------|---------|---|--------|-----------|
| Toluene | 1.2 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-7

Lab Sample ID: 400-195966-6

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|------|---------|---|--------|-----------|
| Benzene | 12 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |
| Ethylbenzene | 17 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-8

Lab Sample ID: 400-195966-7

| Analyte | Result | Qualifier | RL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|------|---------|---|--------|-----------|
| Benzene | 1.1 | | 1.0 | ug/L | 1 | | 8260C | Total/NA |

Client Sample ID: MW-9

Lab Sample ID: 400-195966-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 400-195966-1 | TB-01 | Water | 11/14/20 15:00 | 11/17/20 09:36 | |
| 400-195966-2 | DUP-01 | Water | 11/14/20 16:55 | 11/17/20 09:36 | |
| 400-195966-3 | MW-1R | Water | 11/14/20 17:05 | 11/17/20 09:36 | |
| 400-195966-4 | MW-4 | Water | 11/14/20 16:10 | 11/17/20 09:36 | |
| 400-195966-5 | MW-6 | Water | 11/14/20 17:16 | 11/17/20 09:36 | |
| 400-195966-6 | MW-7 | Water | 11/14/20 16:25 | 11/17/20 09:36 | |
| 400-195966-7 | MW-8 | Water | 11/14/20 16:40 | 11/17/20 09:36 | |
| 400-195966-8 | MW-9 | Water | 11/14/20 16:47 | 11/17/20 09:36 | |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: TB-01

Lab Sample ID: 400-195966-1

Date Collected: 11/14/20 15:00

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 19:04 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/27/20 12:20 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 19:04 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/25/20 19:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 100 | | 78 - 118 | | 11/25/20 19:04 | 1 |
| 4-Bromofluorobenzene | 93 | | 78 - 118 | | 11/27/20 12:20 | 1 |
| Dibromofluoromethane | 100 | | 81 - 121 | | 11/25/20 19:04 | 1 |
| Dibromofluoromethane | 113 | | 81 - 121 | | 11/27/20 12:20 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 11/25/20 19:04 | 1 |
| Toluene-d8 (Surr) | 100 | | 80 - 120 | | 11/27/20 12:20 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: DUP-01

Lab Sample ID: 400-195966-2

Date Collected: 11/14/20 16:55

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | 14 | | 1.0 | ug/L | | | 11/20/20 10:16 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 10:16 | 1 |
| Ethylbenzene | 23 | | 1.0 | ug/L | | | 11/20/20 10:16 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 10:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 86 | | 78 - 118 | | 11/20/20 10:16 | 1 |
| Dibromofluoromethane | 111 | | 81 - 121 | | 11/20/20 10:16 | 1 |
| Toluene-d8 (Surr) | 93 | | 80 - 120 | | 11/20/20 10:16 | 1 |

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-1R

Lab Sample ID: 400-195966-3

Date Collected: 11/14/20 17:05

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:03 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:03 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:03 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 16:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 88 | | 78 - 118 | | 11/20/20 16:03 | 1 |
| Dibromofluoromethane | 107 | | 81 - 121 | | 11/20/20 16:03 | 1 |
| Toluene-d8 (Surr) | 96 | | 80 - 120 | | 11/20/20 16:03 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-4

Lab Sample ID: 400-195966-4

Date Collected: 11/14/20 16:10

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:27 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:27 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:27 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 16:27 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 89 | | 78 - 118 | | 11/20/20 16:27 | 1 |
| Dibromofluoromethane | 101 | | 81 - 121 | | 11/20/20 16:27 | 1 |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | 11/20/20 16:27 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-6

Lab Sample ID: 400-195966-5

Date Collected: 11/14/20 17:16

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|------------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 20:13 | 1 |
| Toluene | 1.2 | | 1.0 | ug/L | | | 11/25/20 20:13 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 20:13 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/25/20 20:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101 | | 78 - 118 | | 11/25/20 20:13 | 1 |
| Dibromofluoromethane | 103 | | 81 - 121 | | 11/25/20 20:13 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 11/25/20 20:13 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-7

Lab Sample ID: 400-195966-6

Date Collected: 11/14/20 16:25

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | 12 | | 1.0 | ug/L | | | 11/20/20 16:52 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 16:52 | 1 |
| Ethylbenzene | 17 | | 1.0 | ug/L | | | 11/20/20 16:52 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 16:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 90 | | 78 - 118 | | 11/20/20 16:52 | 1 |
| Dibromofluoromethane | 107 | | 81 - 121 | | 11/20/20 16:52 | 1 |
| Toluene-d8 (Surr) | 97 | | 80 - 120 | | 11/20/20 16:52 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-8

Lab Sample ID: 400-195966-7

Date Collected: 11/14/20 16:40

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene | 1.1 | | 1.0 | ug/L | | | 11/20/20 17:17 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 17:17 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 17:17 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 17:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 90 | | 78 - 118 | | 11/20/20 17:17 | 1 |
| Dibromofluoromethane | 106 | | 81 - 121 | | 11/20/20 17:17 | 1 |
| Toluene-d8 (Surr) | 95 | | 80 - 120 | | 11/20/20 17:17 | 1 |

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-9

Lab Sample ID: 400-195966-8

Date Collected: 11/14/20 16:47

Matrix: Water

Date Received: 11/17/20 09:36

Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 20:47 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/25/20 20:47 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 20:47 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/25/20 20:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene | 92 | | 78 - 118 | | | | 11/25/20 20:47 | 1 |
| Dibromofluoromethane | 98 | | 81 - 121 | | | | 11/25/20 20:47 | 1 |
| Toluene-d8 (Surr) | 95 | | 80 - 120 | | | | 11/25/20 20:47 | 1 |

QC Association Summary

Client: Stantec Consulting Services Inc
 Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

GC/MS VOA

Analysis Batch: 511448

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-195966-2 | DUP-01 | Total/NA | Water | 8260C | |
| 400-195966-3 | MW-1R | Total/NA | Water | 8260C | |
| 400-195966-4 | MW-4 | Total/NA | Water | 8260C | |
| 400-195966-6 | MW-7 | Total/NA | Water | 8260C | |
| 400-195966-7 | MW-8 | Total/NA | Water | 8260C | |
| MB 400-511448/4 | Method Blank | Total/NA | Water | 8260C | |
| LCS 400-511448/1002 | Lab Control Sample | Total/NA | Water | 8260C | |
| 400-195966-2 MS | DUP-01 | Total/NA | Water | 8260C | |
| 400-195966-2 MSD | DUP-01 | Total/NA | Water | 8260C | |

Analysis Batch: 512045

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-195966-1 | TB-01 | Total/NA | Water | 8260C | |
| 400-195966-5 | MW-6 | Total/NA | Water | 8260C | |
| 400-195966-8 | MW-9 | Total/NA | Water | 8260C | |
| MB 400-512045/4 | Method Blank | Total/NA | Water | 8260C | |
| LCS 400-512045/1002 | Lab Control Sample | Total/NA | Water | 8260C | |
| 400-195869-A-20 MS | Matrix Spike | Total/NA | Water | 8260C | |
| 400-195869-A-20 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260C | |

Analysis Batch: 512213

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-195966-1 | TB-01 | Total/NA | Water | 8260C | |
| MB 400-512213/4 | Method Blank | Total/NA | Water | 8260C | |
| LCS 400-512213/1002 | Lab Control Sample | Total/NA | Water | 8260C | |
| 400-196106-D-5 MS | Matrix Spike | Total/NA | Water | 8260C | |
| 400-196106-D-5 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260C | |

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-511448/4

Matrix: Water

Analysis Batch: 511448

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 | | | 11/20/20 09:27 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/20/20 09:27 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/20/20 09:27 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/20/20 09:27 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 88 | | 78 - 118 | | 11/20/20 09:27 | 1 |
| Dibromofluoromethane | 102 | | 81 - 121 | | 11/20/20 09:27 | 1 |
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | 11/20/20 09:27 | 1 |

Lab Sample ID: LCS 400-511448/1002

Matrix: Water

Analysis Batch: 511448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|----------------|---------------|------------------|------|---|------|-----------------|
| Benzene | 50.0 | 46.8 | | ug/L | | 94 | 70 - 130 |
| Toluene | 50.0 | 47.0 | | ug/L | | 94 | 70 - 130 |
| Ethylbenzene | 50.0 | 46.9 | | ug/L | | 94 | 70 - 130 |
| Xylenes, Total | 100 | 91.7 | | ug/L | | 92 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene | 81 | | 78 - 118 |
| Dibromofluoromethane | 101 | | 81 - 121 |
| Toluene-d8 (Surr) | 95 | | 80 - 120 |

Lab Sample ID: 400-195966-2 MS

Matrix: Water

Analysis Batch: 511448

Client Sample ID: DUP-01

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|-----------------|
| Benzene | 14 | | 50.0 | 71.0 | | ug/L | | 114 | 56 - 142 |
| Toluene | <1.0 | | 50.0 | 55.3 | | ug/L | | 111 | 65 - 130 |
| Ethylbenzene | 23 | | 50.0 | 76.9 | | ug/L | | 108 | 58 - 131 |
| Xylenes, Total | <10 | | 100 | 108 | | ug/L | | 108 | 59 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|----------------------|-----------------|-----------------|----------|
| 4-Bromofluorobenzene | 79 | | 78 - 118 |
| Dibromofluoromethane | 104 | | 81 - 121 |
| Toluene-d8 (Surr) | 95 | | 80 - 120 |

Lab Sample ID: 400-195966-2 MSD

Matrix: Water

Analysis Batch: 511448

Client Sample ID: DUP-01

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|-----------------|-----|-------|
| Benzene | 14 | | 50.0 | 66.4 | | ug/L | | 105 | 56 - 142 | 7 | 30 |
| Toluene | <1.0 | | 50.0 | 50.6 | | ug/L | | 101 | 65 - 130 | 9 | 30 |
| Ethylbenzene | 23 | | 50.0 | 71.2 | | ug/L | | 97 | 58 - 131 | 8 | 30 |

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-195966-2 MSD

Matrix: Water

Analysis Batch: 511448

Client Sample ID: DUP-01

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Xylenes, Total | <10 | | 100 | 98.1 | | ug/L | | 98 | 59 - 130 | 9 | 30 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene | 79 | | 78 - 118 | | | | | | | | |
| Dibromofluoromethane | 105 | | 81 - 121 | | | | | | | | |
| Toluene-d8 (Surr) | 95 | | 80 - 120 | | | | | | | | |

Lab Sample ID: MB 400-512045/4

Matrix: Water

Analysis Batch: 512045

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 | | | 11/25/20 10:43 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/25/20 10:43 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/25/20 10:43 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/25/20 10:43 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene | 87 | | 78 - 118 | | | | 11/25/20 10:43 | 1 |
| Dibromofluoromethane | 90 | | 81 - 121 | | | | 11/25/20 10:43 | 1 |
| Toluene-d8 (Surr) | 91 | | 80 - 120 | | | | 11/25/20 10:43 | 1 |

Lab Sample ID: LCS 400-512045/1002

Matrix: Water

Analysis Batch: 512045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------------|---------------|---------------|---------------|------|---|------|--------------|
| Benzene | 50.0 | 45.4 | | ug/L | | 91 | 70 - 130 |
| Toluene | 50.0 | 48.5 | | ug/L | | 97 | 70 - 130 |
| Ethylbenzene | 50.0 | 46.6 | | ug/L | | 93 | 70 - 130 |
| Xylenes, Total | 100 | 92.9 | | ug/L | | 93 | 70 - 130 |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | |
| 4-Bromofluorobenzene | 91 | | 78 - 118 | | | | |
| Dibromofluoromethane | 90 | | 81 - 121 | | | | |
| Toluene-d8 (Surr) | 96 | | 80 - 120 | | | | |

Lab Sample ID: 400-195869-A-20 MS

Matrix: Water

Analysis Batch: 512045

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Benzene | <1.0 | | 50.0 | 41.7 | | ug/L | | 83 | 56 - 142 |
| Toluene | <1.0 | | 50.0 | 49.1 | | ug/L | | 98 | 65 - 130 |
| Ethylbenzene | <1.0 | | 50.0 | 38.6 | | ug/L | | 77 | 58 - 131 |
| Xylenes, Total | <10 | | 100 | 75.4 | | ug/L | | 75 | 59 - 130 |

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-195869-A-20 MS

Matrix: Water

Analysis Batch: 512045

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| | MS | MS | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 108 | *3 | 78 - 118 |
| Dibromofluoromethane | 99 | | 81 - 121 |
| Toluene-d8 (Surr) | 104 | | 80 - 120 |

Lab Sample ID: 400-195869-A-20 MSD

Matrix: Water

Analysis Batch: 512045

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. Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Benzene | <1.0 | | 50.0 | 41.8 | | ug/L | | 84 | 56 - 142 | 0 | 30 |
| Toluene | <1.0 | | 50.0 | 47.6 | | ug/L | | 95 | 65 - 130 | 3 | 30 |
| Ethylbenzene | <1.0 | | 50.0 | 37.4 | | ug/L | | 75 | 58 - 131 | 3 | 30 |
| Xylenes, Total | <10 | | 100 | 75.2 | | ug/L | | 75 | 59 - 130 | 0 | 30 |

| | MSD | MSD | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 105 | | 78 - 118 |
| Dibromofluoromethane | 101 | | 81 - 121 |
| Toluene-d8 (Surr) | 100 | | 80 - 120 |

Lab Sample ID: MB 400-512213/4

Matrix: Water

Analysis Batch: 512213

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 | | | 11/27/20 09:03 | 1 |
| Toluene | <1.0 | | 1.0 | ug/L | | | 11/27/20 09:03 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | ug/L | | | 11/27/20 09:03 | 1 |
| Xylenes, Total | <10 | | 10 | ug/L | | | 11/27/20 09:03 | 1 |

| | MB | MB | | | | | | |
|----------------------|-----------|-----------|----------|----------|----------------|---------|--|--|
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac | | |
| 4-Bromofluorobenzene | 91 | | 78 - 118 | | 11/27/20 09:03 | 1 | | |
| Dibromofluoromethane | 113 | | 81 - 121 | | 11/27/20 09:03 | 1 | | |
| Toluene-d8 (Surr) | 98 | | 80 - 120 | | 11/27/20 09:03 | 1 | | |

Lab Sample ID: LCS 400-512213/1002

Matrix: Water

Analysis Batch: 512213

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|-------------|------------|---------------|------|---|------|--------------|
| Benzene | 50.0 | 48.1 | | ug/L | | 96 | 70 - 130 |
| Toluene | 50.0 | 43.2 | | ug/L | | 86 | 70 - 130 |
| Ethylbenzene | 50.0 | 45.5 | | ug/L | | 91 | 70 - 130 |
| Xylenes, Total | 100 | 89.7 | | ug/L | | 90 | 70 - 130 |

| | LCS | LCS | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 93 | | 78 - 118 |
| Dibromofluoromethane | 119 | | 81 - 121 |

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-512213/1002

Matrix: Water

Analysis Batch: 512213

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| | LCS | LCS | |
|-------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| Toluene-d8 (Surr) | 92 | | 80 - 120 |

Lab Sample ID: 400-196106-D-5 MS

Matrix: Water

Analysis Batch: 512213

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| Benzene | <1.0 | | 50.0 | 44.7 | | ug/L | | 89 | 56 - 142 |
| Toluene | <1.0 | | 50.0 | 44.2 | | ug/L | | 88 | 65 - 130 |
| Ethylbenzene | <1.0 | | 50.0 | 45.3 | | ug/L | | 91 | 58 - 131 |
| Xylenes, Total | <10 | | 100 | 88.8 | | ug/L | | 89 | 59 - 130 |

| | MS | MS | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 92 | | 78 - 118 |
| Dibromofluoromethane | 107 | | 81 - 121 |
| Toluene-d8 (Surr) | 98 | | 80 - 120 |

Lab Sample ID: 400-196106-D-5 MSD

Matrix: Water

Analysis Batch: 512213

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. Limits | RPD | Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-------|
| Benzene | <1.0 | | 50.0 | 45.2 | | ug/L | | 90 | 56 - 142 | 1 | 30 |
| Toluene | <1.0 | | 50.0 | 44.3 | | ug/L | | 89 | 65 - 130 | 0 | 30 |
| Ethylbenzene | <1.0 | | 50.0 | 44.1 | | ug/L | | 88 | 58 - 131 | 3 | 30 |
| Xylenes, Total | <10 | | 100 | 86.5 | | ug/L | | 87 | 59 - 130 | 3 | 30 |

| | MSD | MSD | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 94 | | 78 - 118 |
| Dibromofluoromethane | 108 | | 81 - 121 |
| Toluene-d8 (Surr) | 98 | | 80 - 120 |

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
 Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: TB-01

Date Collected: 11/14/20 15:00

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-1

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 | 8260C | | 1 | 5 mL | 5 mL | 512213 | 11/27/20 12:20 | WPD | TAL PEN |
| Instrument ID: CH_TAN | | | | | | | | | | |
| Total/NA | Analysis | 8260C | | 1 | 5 mL | 5 mL | 512045 | 11/25/20 19:04 | BEP | TAL PEN |
| Instrument ID: Einstein | | | | | | | | | | |

Client Sample ID: DUP-01

Date Collected: 11/14/20 16:55

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-2

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 | 8260C | | 1 | 5 mL | 5 mL | 511448 | 11/20/20 10:16 | WPD | TAL PEN |
| Instrument ID: CH_CONAN | | | | | | | | | | |

Client Sample ID: MW-1R

Date Collected: 11/14/20 17:05

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-3

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 | 8260C | | 1 | 5 mL | 5 mL | 511448 | 11/20/20 16:03 | WPD | TAL PEN |
| Instrument ID: CH_CONAN | | | | | | | | | | |

Client Sample ID: MW-4

Date Collected: 11/14/20 16:10

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-4

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 | 8260C | | 1 | 5 mL | 5 mL | 511448 | 11/20/20 16:27 | WPD | TAL PEN |
| Instrument ID: CH_CONAN | | | | | | | | | | |

Client Sample ID: MW-6

Date Collected: 11/14/20 17:16

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-5

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 | 8260C | | 1 | 5 mL | 5 mL | 512045 | 11/25/20 20:13 | BEP | TAL PEN |
| Instrument ID: Einstein | | | | | | | | | | |

Client Sample ID: MW-7

Date Collected: 11/14/20 16:25

Date Received: 11/17/20 09:36

Lab Sample ID: 400-195966-6

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 | 8260C | | 1 | 5 mL | 5 mL | 511448 | 11/20/20 16:52 | WPD | TAL PEN |
| Instrument ID: CH_CONAN | | | | | | | | | | |

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: EIPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Client Sample ID: MW-8

Lab Sample ID: 400-195966-7

Date Collected: 11/14/20 16:40

Matrix: Water

Date Received: 11/17/20 09:36

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 5 mL | 5 mL | 511448 | 11/20/20 17:17 | WPD | TAL PEN |
| Instrument ID: CH_CONAN | | | | | | | | | | |

Client Sample ID: MW-9

Lab Sample ID: 400-195966-8

Date Collected: 11/14/20 16:47

Matrix: Water

Date Received: 11/17/20 09:36

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260C | | 1 | 5 mL | 5 mL | 512045 | 11/25/20 20:47 | BEP | TAL PEN |
| Instrument ID: Einstein | | | | | | | | | | |

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
 Project/Site: El Paso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

Laboratory: Eurofins TestAmerica, Pensacola

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

| Authority | Program | Identification Number | Expiration Date |
|------------------------|---------------------|-----------------------|-----------------|
| Alabama | State | 40150 | 06-30-21 |
| ANAB | ISO/IEC 17025 | L2471 | 02-23-23 |
| Arizona | State | AZ0710 | 01-13-21 |
| Arkansas DEQ | State | 88-0689 | 09-02-21 |
| California | State | 2510 | 06-30-21 |
| Florida | NELAP | E81010 | 06-30-21 |
| Georgia | State | E81010(FL) | 06-30-21 |
| Illinois | NELAP | 200041 | 10-09-21 |
| Iowa | State | 367 | 08-01-22 |
| Kansas | NELAP | E-10253 | 10-31-21 |
| Kentucky (UST) | State | 53 | 06-30-21 |
| Kentucky (WW) | State | KY98030 | 12-31-20 |
| Louisiana | NELAP | 30976 | 06-30-21 |
| Louisiana (DW) | State | LA017 | 12-31-20 |
| Maryland | State | 233 | 09-30-21 |
| Massachusetts | State | M-FL094 | 06-30-21 |
| Michigan | State | 9912 | 06-30-21 |
| Minnesota | NELAP | 012-999-481 | 12-31-20 |
| New Jersey | NELAP | FL006 | 06-30-21 |
| New York | NELAP | 12115 | 04-01-21 |
| North Carolina (WW/SW) | State | 314 | 12-31-20 |
| Oklahoma | State | 9810-186 | 08-31-21 |
| Pennsylvania | NELAP | 68-00467 | 01-31-21 |
| Rhode Island | State | LAO00307 | 12-30-20 |
| South Carolina | State | 96026002 | 06-30-21 |
| Tennessee | State | TN02907 | 06-30-21 |
| Texas | NELAP | T104704286 | 09-30-21 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-21 |
| USDA | US Federal Programs | P330-18-00148 | 05-17-21 |
| Virginia | NELAP | 460166 | 06-14-21 |
| Washington | State | C915 | 05-15-21 |
| West Virginia DEP | State | 136 | 12-31-20 |

Eurofins TestAmerica, Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Fogelson 4-1 Com#14

Job ID: 400-195966-1

| Method | Method Description | Protocol | Laboratory |
|--------|-------------------------------------|----------|------------|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL PEN |
| 5030B | Purge and Trap | SW846 | TAL PEN |
| 5030C | Purge and Trap | 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 = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001



400-195966 COC

| Client Information | | Lab PM | | Carrier Tracking Note(s) | | COC No | | | | | | | | | | | | | | | | | |
|--|--|--------------------------------------|--|--------------------------|--|------------------------------|--|---|--|--------------------|--|-----------------------------------|--|----------------------------|--|-------------------------|--|---------------------------------------|--|----------------------------|--|----------------------------|--|
| Steve Varsa | | Edwards, Marty P | | | | 400-97388-35232.1 | | | | | | | | | | | | | | | | | |
| Company: Stanlec Consulting Services Inc | | E-Mail: Marty.Edwards@Eurofinset.com | | | | Page 1 of 1 | | | | | | | | | | | | | | | | | |
| Address: 11153 Aurora Avenue | | Due Date Requested: | | | | Job # | | | | | | | | | | | | | | | | | |
| City: Des Moines | | TAT Requested (days): | | | | | | | | | | | | | | | | | | | | | |
| State: IA | | STP | | | | | | | | | | | | | | | | | | | | | |
| IA, 50322-7904 | | PO # | | | | | | | | | | | | | | | | | | | | | |
| Phone: 303-291-2239(Tel) | | See Project Notes | | | | | | | | | | | | | | | | | | | | | |
| Email: steve.varsa@stanlec.com | | WO # | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Fogelson 4-1 Cont #14.00 | | Project # | | | | | | | | | | | | | | | | | | | | | |
| Fogelson | | 40005479 | | | | | | | | | | | | | | | | | | | | | |
| Site: | | SSOW# | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Sample Date | | Sample Time | | Sample Type (C=Comp, G=grab) | | Matrix (W=water, E=exudate, O=oil, A=air) | | Preservation Code: | | Field Filtered Sample (Yes or No) | | Perform MS/MSD (Yes or No) | | 8260C - (MOD) BTEX 8260 | | 8260C - (MOD) BTEX 8260 (unpreserved) | | Total Number of Containers | | Special Instructions/Note: | |
| WB-ERL-STN-11-02-20 | | 11/14/2020 | | 1500 | | G | | Water | | A | | X | | X | | X | | X | | X | | Trip Blank | |
| -SAH-03 Fogelson 4-1 Cont #14 | | 11/14/2020 | | 1655 | | G | | Water | | A | | X | | X | | X | | X | | X | | Blind Dup | |
| TB-01 | | 11/14/2020 | | 1705 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| DUP-01 | | 11/14/2020 | | 1610 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-1R | | 11/14/2020 | | 1716 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-4 | | 11/14/2020 | | 1625 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-6 | | 11/14/2020 | | 1640 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-7 | | 11/14/2020 | | 1647 | | G | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-8 | | 11/14/2020 | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| MW-9 | | 11/14/2020 | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X | | X | | X | | X | | X | | | |
| | | | | | | | | Water | | A | | X</ | | | | | | | | | | | |

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-195966-1

Login Number: 195966

List Source: Eurofins TestAmerica, Pensacola

List Number: 1

Creator: Conrady, Hank W

| Question | Answer | Comment |
|--|--------|------------|
| Radioactivity wasn't checked or is \leq 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 | 0.0°C IR-8 |
| 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. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 23642

CONDITIONS

| | |
|---|--|
| Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002 | OGRID: |
| | 7046 |
| | Action Number: 23642 |
| | Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| nvelez | Review of 2020 ANNUAL GROUNDWATER REPORT: Content satisfactory 1. Continue to conduct semi-annual groundwater monitoring events in 2021 2. Continue quarterly site visits to facilitate removal of measurable free product 3. where it is present. Pursuant to the January 5, 2021 letter from EPCGP, mobile DPE activities are to be completed before October 2021 to more aggressively remove free product from MW-5. Follow-up correspondence to be provided to OCD once the date of this work is scheduled 4. Submit the 2021 Annual Report and include all activities completed and summarize the results. Report to be submitted no later than March 31, 2022 | 12/29/2021 |