2020 ANNUAL GROUNDWATER REPORT

K-27 Line Drip
Incident Number: nAUTOfAB000316
NMOCD Case#: 3RP-204-0
Meter Code: LD072
T25N, R6W, Sec4, Unit E

Review of 2020 Groundwater Monitoring Report: Content satisfactory

1. Follow recommendations stated within 2020 Groundwater Monitoring Report.
   a. Continue groundwater monitoring events on a semi-annual basis
   b. Pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product will continue on a quarterly basis from monitoring wells where measurable free product is encountered
   c. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022

SITE DETAILS

Site Location: Latitude: 36.430553 N, Longitude: -107.480164 W
Land Type: Federal
Operator: Enterprise (Pipeline)

SITE BACKGROUND

Environmental Remediation activities at K-27 Line Drip (Site) are being managed pursuant to the procedures set forth in the document entitled, "*Remediation Plan for Groundwater Encountered During Pit Closure Activities*" (Remediation Plan, 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, LLC's (EPCGP's) program methods. The Site is crossed by a pipeline operated by Enterprise.

The Site is located on Federal land. An initial site assessment was completed in July 1994, and an excavation to approximately 12 feet below ground surface (bgs) was completed in August of 1994. Monitoring wells were installed in 1995 (MW-1), 2000 (MW-2 and MW-3), 2006 (TMW-4), 2016 (MW-2R, MW-3R, MW-5, MW-6, MW-7, and MW-8), and 2017 (MW-9 and MW-10); one test well was installed in 2018 (TW-1). TMW-4 was later re-designated MW-4. 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. Free product has been periodically encountered and recovered at the Site. Mobile dual-phase extraction (MDPE) events to enhance free product recovery were conducted in 2018. Currently, groundwater sampling is conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications via email to 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 12 and November 12, 2020, water levels were gauged at MW-1, MW-2R, MW-3R, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10 and TW-1.

Groundwater samples were collected from MW-1, MW-3R, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-10 in May 2020. Further, groundwater samples were collected from MW-3R, MW-7, and MW-10 in November 2020. Free product was detected at MW-2R and MW-9 in May 2020; therefore, no groundwater samples were collected at these locations during the May 2020 event. In November 2020, free product was detected at MW-1, MW-2R, MW-6, MW-8, and MW-9; therefore, groundwater samples were not collected at these locations during the November 2020 event. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event, using a suspension tether and stainless-steel weights. 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 well screen.

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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 BTEX. One laboratory-supplied trip blank and one blind field duplicate was also collected during each groundwater sampling event. The groundwater samples, field duplicates, and trip blanks were analyzed using United States Environmental Protection Agency (EPA) Method 8260.

Excess sample water was placed in a waste container and transported to Basin Disposal Company, 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 wells MW-2R and MW-9 during both the May 12, 2020 sampling event and the August 19, 2020 product recovery event. On November 12, 2020, free product was observed in MW-1, MW-2R, MW-6, MW-8, and MW-9. On May 12, 2020, 0.98 feet of free product was observed in MW-2R and 0.84 gallons were removed, and 1.39 feet of free product was observed in MW-9 and 0.69 gallons were removed. On August 19, 2020, 1.51 feet of free product was observed in MW-2R and 1.44 gallons were removed, and 2.09 feet of product were observed in MW-9 and 2.76 gallons were removed. On November 12, 2020, 0.02 feet of product was measured in MW-1, 0.07 feet of product was measured in MW-2R, and 0.05 feet of product was measured from MW-6, with <0.01gallons removed from each well. Also, on November 12, 2020, 0.20 feet of free product was measured in MW-8 and 0.26 gallons recovered, and 1.34 feet of free product was measured in MW-9 and 2.13 gallons was recovered.

Free product was recovered by hand-bailing. During the groundwater sampling events, 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 groundwater analytical results and well gauging data are summarized in Tables 1 and 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 Appendices C.

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GROUNDWATER RESULTS

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the northeast during 2020 (see Figures 4 and 6).
- The groundwater sample collected from MW-1 in May 2020 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Concentrations of benzene were either below the NMWQCC standard or not detected in the remaining Site monitoring wells sampled in 2020.
- 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 was collected from monitoring well MW-7 in May and November 2020. No significant differences were noted between concentrations in the primary and duplicate samples for both groundwater sampling events.
- 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 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.

Pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product will continue on a quarterly basis from monitoring wells where measurable free product is encountered.

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

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	11/04/96	996	2170	204	1520
MW-1	02/05/97	207	613	168	1010
MW-1	05/07/97	41.8	114	98	500
MW-1	08/08/97	1690	2980	298	1930
MW-1	11/07/97	533	1210	267	1720
MW-1	02/26/98	NS	NS	NS	NS
MW-1	02/24/99	NS	NS	NS	NS
MW-1	08/19/99	179	379	79	777
MW-1	11/10/99	39	95	56	390
MW-1	09/05/00	NS	NS	NS	NS
MW-1	10/06/00	NS	NS	NS	NS
MW-1	07/03/01	NS	NS	NS	NS
MW-1	09/04/01	NS	NS	NS	NS
MW-1	09/24/01	NS	NS	NS	NS
MW-1	04/01/02	NS	NS	NS	NS
MW-1	07/15/02	NS	NS	NS	NS
MW-1	10/08/02	NS	NS	NS	NS
MW-1	01/27/03	NS	NS	NS	NS
MW-1	04/26/03	NS	NS	NS	NS
MW-1	07/17/03	NS	NS	NS	NS
MW-1	10/13/03	NS	NS	NS	NS
MW-1	01/19/04	NS	NS	NS	NS
MW-1	04/20/04	NS	NS	NS	NS
MW-1	07/27/04	NS	NS	NS	NS
MW-1	10/20/04	NS	NS	NS	NS
MW-1	01/25/05	NS	NS	NS	NS
MW-1	04/14/05	NS	NS	NS	NS
MW-1	07/19/05	NS	NS	NS	NS
MW-1	10/12/05	NS	NS	NS	NS
MW-1	10/21/05	NS	NS	NS	NS
MW-1	01/23/06	NS	NS	NS	NS
MW-1	04/28/06	NS	NS	NS	NS
MW-1	07/26/06	NS	NS	NS	NS
MW-1	11/07/06	NS	NS	NS	NS
MW-1	01/17/07	NS	NS	NS	NS
MW-1	04/24/07	NS	NS	NS	NS
MW-1	07/31/07	NS	NS	NS	NS
MW-1	10/25/07	NS	NS	NS	NS
MW-1	01/25/08	NS	NS	NS	NS
MW-1	04/18/08	NS	NS	NS	NS
MW-1	07/23/08	NS	NS	NS	NS

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K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	10/08/08	7.3	3.9	20.2	68.7
MW-1	10/13/08	NS	NS	NS	NS
MW-1	01/16/09	NS	NS	NS	NS
MW-1	04/06/09	NS	NS	NS	NS
MW-1	08/25/09	NS	NS	NS	NS
MW-1	11/03/09	355	69.3	45.8	259
MW-1	02/16/10	NS	NS	NS	NS
MW-1	05/24/10	NS	NS	NS	NS
MW-1	09/27/10	NS	NS	NS	NS
MW-1	11/08/10	138	29.4	43.9	183
MW-1	02/01/11	NS	NS	NS	NS
MW-1	05/02/11	NS	NS	NS	NS
MW-1	09/23/11	NS	NS	NS	NS
MW-1	11/10/11	71.8	57.5	5	62.2
MW-1	02/22/12	NS	NS	NS	NS
MW-1	05/15/12	NS	NS	NS	NS
MW-1	06/05/13	350	61	15	220
MW-1	09/10/13	150	32	7	83
MW-1	12/11/13	150	100	13	120
MW-1	04/04/14	220	51	20	150
MW-1	10/22/14	140	53	5.2	73
MW-1	05/28/15	110	75	13	97
MW-1	11/21/15	65	17	2.1	28
MW-1	04/17/16	6.1	5.9	<1.0	10
MW-1	10/15/16	2	<5.0	<1.0	6.9
MW-1	06/07/17	52	18	5.6	38
MW-1	11/14/17	190	98	8.9	87
MW-1	05/15/18	22	27	<1.0	19
DP-01(MW-1)*	05/15/18	61	74	2.2	51
MW-1	10/27/18	42	12	4.6	31
DUP-01(MW-1)*	10/27/18	38	9.1	3.3	23
MW-1	05/21/19	72	47	8.3	140
MW-1	11/10/19	140	54	1.9	52
MW-1	05/12/20	340	220	19	370
MW-1	11/12/20	NS	NS	NS	NS
MW-2	08/31/00	5500	14000	670	5800
MW-2	09/05/00	NS	NS	NS	NS
MW-2	10/06/00	NS	NS	NS	NS
MW-2	07/03/01	NS	NS	NS	NS
MW-2	09/04/01	NS	NS	NS	NS

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K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	09/24/01	NS	NS	NS	NS
MW-2	01/02/02	NS	NS	NS	NS
MW-2	04/01/02	NS	NS	NS	NS
MW-2	07/15/02	NS	NS	NS	NS
MW-2	10/08/02	NS	NS	NS	NS
MW-2	01/27/03	NS	NS	NS	NS
MW-2	04/26/03	NS	NS	NS	NS
MW-2	07/17/03	NS	NS	NS	NS
MW-2	10/13/03	NS	NS	NS	NS
MW-2	01/19/04	NS	NS	NS	NS
MW-2	04/20/04	NS	NS	NS	NS
MW-2	07/27/04	NS	NS	NS	NS
MW-2	10/20/04	NS	NS	NS	NS
MW-2	01/25/05	NS	NS	NS	NS
MW-2	04/14/05	NS	NS	NS	NS
MW-2	07/19/05	NS	NS	NS	NS
MW-2	10/21/05	NS	NS	NS	NS
MW-2	01/23/06	NS	NS	NS	NS
MW-2	04/28/06	NS	NS	NS	NS
MW-2	07/26/06	NS	NS	NS	NS
MW-2	11/07/06	NS	NS	NS	NS
MW-2	01/17/07	NS	NS	NS	NS
MW-2	04/24/07	NS	NS	NS	NS
MW-2	07/31/07	NS	NS	NS	NS
MW-2	10/25/07	NS	NS	NS	NS
MW-2	01/25/08	NS	NS	NS	NS
MW-2	04/18/08	NS	NS	NS	NS
MW-2	07/23/08	NS	NS	NS	NS
MW-2	10/13/08	NS	NS	NS	NS
MW-2	01/16/09	NS	NS	NS	NS
MW-2	04/06/09	NS	NS	NS	NS
MW-2	08/25/09	NS	NS	NS	NS
MW-2	11/03/09	223	1070	532	2590
MW-2	02/16/10	NS	NS	NS	NS
MW-2	05/24/10	NS	NS	NS	NS
MW-2	09/27/10	NS	NS	NS	NS
MW-2	11/08/10	152	547	471	2190
MW-2	02/01/11	NS	NS	NS	NS
MW-2	05/02/11	NS	NS	NS	NS
MW-2	09/23/11	NS	NS	NS	NS
MW-2	11/10/11	31.9	101	156	446

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NMWQCC Standards:		10	750	750	620
MW-2	02/22/12	NS	NS	NS	NS
MW-2	05/15/12	NS	NS	NS	NS
MW-2	06/05/13	NS	NS	NS	NS
MW-2	09/10/13	NS	NS	NS	NS
MW-2	12/11/13	NS	NS	NS	NS
MW-2	04/04/14	NS	NS	NS	NS
MW-2 abandoned and replaced with MW-2R on September 26, 2016					
MW-2R	10/15/16	NS	NS	NS	NS
MW-2R	06/07/17	NS	NS	NS	NS
MW-2R	07/26/17	NS	NS	NS	NS
MW-2R	11/14/17	NS	NS	NS	NS
MW-2R	05/15/18	NS	NS	NS	NS
MW-2R	10/27/18	35	140	65	250
MW-2R	05/21/19	NS	NS	NS	NS
MW-2R	11/10/19	NS	NS	NS	NS
MW-2R	05/12/20	NS	NS	NS	NS
MW-2R	11/12/20	NS	NS	NS	NS
MW-3	09/05/00	<0.5	<0.5	<0.5	<0.5
MW-3	07/03/01	<0.5	<0.5	<0.5	<0.5
MW-3	09/04/01	NS	NS	NS	NS
MW-3	09/24/01	NS	NS	NS	NS
MW-3	04/01/02	NS	NS	NS	NS
MW-3	07/15/02	NS	NS	NS	NS
MW-3	10/08/02	NS	NS	NS	NS
MW-3	07/17/03	NS	NS	NS	NS
MW-3	10/13/03	NS	NS	NS	NS
MW-3	01/19/04	NS	NS	NS	NS
MW-3	04/20/04	NS	NS	NS	NS
MW-3	07/27/04	NS	NS	NS	NS
MW-3	10/20/04	NS	NS	NS	NS
MW-3	01/25/05	NS	NS	NS	NS
MW-3	04/14/05	NS	NS	NS	NS
MW-3	07/19/05	NS	NS	NS	NS
MW-3	10/21/05	<1	<1	<1	<2
MW-3	01/23/06	NS	NS	NS	NS
MW-3	04/28/06	NS	NS	NS	NS
MW-3	07/26/06	NS	NS	NS	NS
MW-3	11/07/06	1.1	1.6	0.42 J	2.3
MW-3	01/17/07	NS	NS	NS	NS
MW-3	04/24/07	NS	NS	NS	NS

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NMWQCC Standards:		10	750	750	620
MW-3	07/31/07	NS	NS	NS	NS
MW-3	10/25/07	<1	<1	<1	<2
MW-3	01/25/08	NS	NS	NS	NS
MW-3	04/18/08	NS	NS	NS	NS
MW-3	07/23/08	NS	NS	NS	NS
MW-3	10/08/08	<2	<2	<2	<6
MW-3	10/13/08	NS	NS	NS	NS
MW-3	01/16/09	NS	NS	NS	NS
MW-3	04/06/09	NS	NS	NS	NS
MW-3	08/25/09	NS	NS	NS	NS
MW-3	11/03/09	<1	<1	<1	<2
MW-3	02/16/10	NS	NS	NS	NS
MW-3	05/24/10	NS	NS	NS	NS
MW-3	09/27/10	NS	NS	NS	NS
MW-3	11/08/10	<2	<2	<2	<6
MW-3	02/01/11	NS	NS	NS	NS
MW-3	05/02/11	NS	NS	NS	NS
MW-3	09/23/11	NS	NS	NS	NS
MW-3	11/10/11	<1	<1	<1	<3
MW-3	02/22/12	NS	NS	NS	NS
MW-3	05/15/12	NS	NS	NS	NS
MW-3	06/05/13	<0.14	<0.30	<0.20	<0.23
MW-3	09/10/13	NS	NS	NS	NS
MW-3	12/11/13	NS	NS	NS	NS
MW-3	04/04/14	NS	NS	NS	NS
MW-3	10/22/14	NS	NS	NS	NS
MW-3	05/28/15	NS	NS	NS	NS
MW-3	11/21/15	NS	NS	NS	NS
MW-3	04/17/16	NS	NS	NS	NS
MW-3 abandoned and replaced with MW-3R on September 26, 2016					
MW-3R	10/15/16	<1.0	<5.0	<1.0	<5.0
MW-3R	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-3R	11/14/17	<1.0	<1.0	<1.0	<10
MW-3R	05/15/18	<1.0	<1.0	<1.0	<10
MW-3R	10/27/18	<1.0	<1.0	<1.0	<10
MW-3R	05/21/19	<1.0	<1.0	<1.0	<10
MW-3R	11/10/19	<1.0	<1.0	<1.0	<10
MW-3R	05/12/20	<1.0	<1.0	<1.0	<10
MW-3R	11/12/20	<1.0	<1.0	<1.0	<10
MW-4	11/08/06	<1	<1	<1	<2

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	01/17/07	NS	NS	NS	NS
MW-4	04/24/07	NS	NS	NS	NS
MW-4	07/31/07	NS	NS	NS	NS
MW-4	10/25/07	<1	<1	<1	<2
MW-4	01/25/08	NS	NS	NS	NS
MW-4	04/18/08	NS	NS	NS	NS
MW-4	07/23/08	NS	NS	NS	NS
MW-4	10/08/08	<2	<2	<2	<6
MW-4	10/13/08	NS	NS	NS	NS
MW-4	01/16/09	NS	NS	NS	NS
MW-4	04/06/09	NS	NS	NS	NS
MW-4	08/25/09	NS	NS	NS	NS
MW-4	11/03/09	<1	<1	<1	<2
MW-4	02/16/10	NS	NS	NS	NS
MW-4	05/24/10	NS	NS	NS	NS
MW-4	09/27/10	NS	NS	NS	NS
MW-4	11/08/10	<2	<2	<2	<6
MW-4	02/01/11	NS	NS	NS	NS
MW-4	05/02/11	NS	NS	NS	NS
MW-4	09/23/11	NS	NS	NS	NS
MW-4	11/10/11	<1	<1	<1	<3
MW-4	02/22/12	NS	NS	NS	NS
MW-4	05/15/12	NS	NS	NS	NS
MW-4	06/05/13	<0.14	<0.30	<0.20	<0.23
MW-4	09/10/13	<0.14	<0.30	<0.20	<0.23
MW-4	12/11/13	<0.20	<0.38	<0.20	<0.65
MW-4	04/14/14	<0.20	<0.38	<0.20	<0.65
MW-4	10/22/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/28/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/21/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/17/16	<1.0	<5.0	<1.0	<5.0
MW-4	10/15/16	<1.0	<5.0	<1.0	<5.0
MW-4	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-4	11/14/17	<1.0	<1.0	<1.0	<10
MW-4	05/15/18	NS	NS	NS	NS
MW-4	10/27/18	NS	NS	NS	NS
MW-4	05/21/19	NS	NS	NS	NS
MW-4	11/10/19	NS	NS	NS	NS
MW-4	05/12/20	<1.0	<1.0	<1.0	<10
MW-4	11/12/20	NS	NS	NS	NS
MW-5	10/15/16	<1.0	<5.0	<1.0	<5.0

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-5	11/14/17	<1.0	<1.0	<1.0	<10
MW-5	05/15/18	NS	NS	NS	NS
MW-5	10/27/18	NS	NS	NS	NS
MW-5	05/21/19	NS	NS	NS	NS
MW-5	11/10/19	NS	NS	NS	NS
MW-5	05/12/20	<1.0	<1.0	<1.0	<10
MW-5	11/12/20	NS	NS	NS	NS
MW-6	10/15/16	4.5	<5.0	4.5	59
MW-6	06/07/17	1.4	<5.0	<1.0	<5.0
MW-6	11/14/17	<1.0	<1.0	1.7	170
MW-6	05/15/18	<1.0	<1.0	<1.0	<10
MW-6	10/27/18	<1.0	<1.0	<1.0	<10
MW-6	05/21/19	NS	NS	NS	NS
MW-6	11/10/19	NS	NS	NS	NS
MW-6	05/12/20	<1.0	<1.0	<1.0	<10
MW-6	11/12/20	NS	NS	NS	NS
MW-7	10/15/16	2.2	<5.0	<1.0	<5.0
MW-7	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-7	11/14/17	<1.0	<1.0	<1.0	<10
MW-7	05/15/18	<1.0	<1.0	<1.0	<10
MW-7	10/27/18	<1.0	<1.0	<1.0	<10
MW-7	05/21/19	1.6	<1.0	<1.0	<10
MW-7	11/10/19	<1.0	<1.0	<1.0	<10
MW-7	05/12/20	5.5	<1.0	<1.0	<10
(DUP-01)MW-7*	05/12/20	6.5	<1.0	<1.0	<10
MW-7	11/12/20	<1.0	<1.0	<1.0	<10
(DUP-01)MW-7	11/12/20	<1.0	<1.0	<1.0	<10
MW-8	10/15/16	4.8	42	23	230
MW-8	06/07/17	<1.0	<5.0	2	15
MW-8	11/14/17	<1.0	<1.0	<1.0	<10
MW-8	05/15/18	NS	NS	NS	NS
MW-8	10/21/18	NS	NS	NS	NS
MW-8	10/27/18	NS	NS	NS	NS
MW-8	05/21/19	<1.0	<1.0	<1.0	<10
DUP-1(MW-8)*	05/21/19	<1.0	<1.0	<1.0	<10
MW-8	11/10/19	<1.0	<1.0	<1.0	<10
DUP-1(MW-8)*	11/10/19	<1.0	<1.0	<1.0	<10
MW-8	05/12/20	<1.0	3.6	1.8	36
MW-8	11/12/20	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	11/14/17	NS	NS	NS	NS
MW-9	05/15/18	NS	NS	NS	NS
MW-9	10/27/18	1.8	<1.0	<1.0	49
MW-9	05/21/19	NS	NS	NS	NS
MW-9	11/10/19	NS	NS	NS	NS
MW-9	05/12/20	NS	NS	NS	NS
MW-9	11/12/20	NS	NS	NS	NS
MW-10	11/14/17	<1.0	<1.0	<1.0	<10
MW-10	11/14/17	<1.0	<1.0	<1.0	<10
MW-10	05/15/18	<1.0	<1.0	<1.0	<10
MW-10	10/27/18	<1.0	<1.0	<1.0	<10
MW-10	05/21/19	<1.0	<1.0	<1.0	<10
MW-10	11/10/19	<1.0	<1.0	<1.0	<10
MW-10	05/12/20	<1.0	<1.0	<1.0	<10
MW-10	11/12/20	<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 in 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 results

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/04/96	6261.93	NR	37.44		6224.49
MW-1	02/05/97	6261.93	NR	36.89		6225.04
MW-1	05/07/97	6261.93	NR	36.73		6225.20
MW-1	08/08/97	6261.93	NR	37.61		6224.32
MW-1	11/07/97	6261.93	37.21	37.33	0.12	6224.69
MW-1	02/26/98	6261.93	36.71	36.89	0.18	6225.18
MW-1	02/24/99	6261.93	36.27	36.39	0.12	6225.63
MW-1	08/19/99	6261.93	NR	36.48		6225.45
MW-1	11/10/99	6261.93	36.10	36.17	0.07	6225.81
MW-1	09/05/00	6261.93	NR	37.22		6224.71
MW-1	10/06/00	6261.93	NR	37.42		6224.51
MW-1	07/03/01	6261.93	36.49	36.64	0.15	6225.40
MW-1	09/04/01	6261.93	37.39	37.43	0.04	6224.53
MW-1	09/24/01	6261.93	37.40	37.45	0.05	6224.52
MW-1	04/01/02	6261.93	NR	37.01		6224.92
MW-1	07/15/02	6261.93	37.85	38.02	0.17	6224.04
MW-1	10/08/02	6261.93	38.00	38.01	0.01	6223.93
MW-1	01/27/03	6261.93	ND	37.42		6224.51
MW-1	04/26/03	6261.93	ND	37.15		6224.78
MW-1	07/17/03	6261.93	38.18	38.36	0.18	6223.71
MW-1	10/13/03	6261.93	ND	38.29		6223.64
MW-1	01/19/04	6261.93	37.68	37.69	0.01	6224.25
MW-1	04/20/04	6261.93	ND	37.29		6224.64
MW-1	07/27/04	6261.93	38.28	38.45	0.17	6223.61
MW-1	10/20/04	6261.93	38.68	38.71	0.03	6223.24
MW-1	01/25/05	6261.93	38.16	38.18	0.02	6223.77
MW-1	04/14/05	6261.93	37.75	37.84	0.09	6224.16
MW-1	07/19/05	6261.93	ND	38.84		6223.09
MW-1	10/12/05	6261.93	ND	38.46		6223.47
MW-1	10/21/05	6261.93	ND	38.46		6223.47
MW-1	01/23/06	6261.93	ND	37.89		6224.04
MW-1	04/28/06	6261.93	ND	37.57		6224.36
MW-1	07/26/06	6261.93	ND	38.61		6223.32
MW-1	11/07/06	6261.93	36.31	36.37	0.06	6225.61
MW-1	01/17/07	6261.93	ND	35.91		6226.02
MW-1	04/24/07	6261.93	ND	35.53		6226.40
MW-1	07/31/07	6261.93	ND	36.57		6225.36
MW-1	10/25/07	6261.93	ND	36.04		6225.89
MW-1	01/25/08	6261.93	ND	35.90		6226.03
MW-1	04/18/08	6261.93	ND	35.47		6226.46
MW-1	07/23/08	6261.93	ND	36.43		6225.50
MW-1	10/08/08	6261.93	ND	36.95		6224.98

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	10/13/08	6261.93	ND	36.93		6225.00
MW-1	01/16/09	6261.93	ND	36.77		6225.16
MW-1	04/06/09	6261.93	ND	36.30		6225.63
MW-1	08/25/09	6261.93	ND	37.53		6224.40
MW-1	11/03/09	6261.93	ND	37.58		6224.35
MW-1	02/16/10	6261.93	ND	37.32		6224.61
MW-1	05/24/10	6261.93	ND	36.97		6224.96
MW-1	09/27/10	6261.93	ND	37.98		6223.95
MW-1	11/08/10	6261.93	ND	37.7		6224.23
MW-1	02/01/11	6261.93	ND	37.35		6224.58
MW-1	05/02/11	6261.93	ND	37.26		6224.67
MW-1	09/23/11	6261.93	ND	38.45		6223.48
MW-1	11/10/11	6261.93	ND	38.30		6223.63
MW-1	02/22/12	6261.93	ND	37.82		6224.11
MW-1	05/15/12	6261.93	ND	37.81		6224.12
MW-1	06/05/13	6261.93	ND	38.16		6223.77
MW-1	09/10/13	6261.93	ND	38.85		6223.08
MW-1	12/11/13	6261.93	ND	38.05		6223.88
MW-1	04/04/14	6261.93	ND	37.54		6224.39
MW-1	10/22/14	6261.93	ND	38.36		6223.57
MW-1	05/28/15	6261.93	ND	37.30		6224.63
MW-1	11/21/15	6261.93	ND	37.72		6224.21
MW-1	04/17/16	6261.93	ND	37.29		6224.64
MW-1	10/15/16	6261.93	ND	40.48		6221.45
MW-1	06/07/17	6261.93	ND	37.45		6224.48
MW-1	11/14/17	6261.93	ND	37.96		6223.97
MW-1	05/15/18	6261.93	ND	37.39		6224.54
MW-1	10/21/18	6261.93	ND	38.74		6223.19
MW-1	10/27/18	6261.93	ND	38.71		6223.22
DUP-01(MW	10/27/18	NA	NA	NA		NA
MW-1	05/21/19	6261.93	ND	37.64		6224.29
MW-1	11/10/19	6261.93	ND	38.87		6223.06
MW-1	05/12/20	6261.93	ND	38.31		6223.62
MW-1	11/12/20	6261.93	39.47	39.49	0.02	6222.46
MW-2	08/31/00	6261.39	NR	35.81		6225.58
MW-2	09/05/00	6261.39	36.11	37.28	1.17	6224.99
MW-2	10/06/00	6261.39	36.04	37.31	1.27	6225.03
MW-2	07/03/01	6261.39	36.12	37.37	1.25	6224.96
MW-2	09/04/01	6261.39	36.25	36.52	0.27	6225.07
MW-2	09/24/01	6261.39	36.27	36.46	0.19	6225.07
MW-2	01/02/02	6261.39	35.87	36.97	1.10	6225.24

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	04/01/02	6261.39	35.67	36.61	0.94	6225.48
MW-2	07/15/02	6261.39	NR	38.00		6223.39
MW-2	10/08/02	6261.39	36.94	37.01	0.07	6224.43
MW-2	01/27/03	6261.39	36.31	36.47	0.16	6225.04
MW-2	04/26/03	6261.39	35.85	36.88	1.03	6225.28
MW-2	07/17/03	6261.39	36.75	38.20	1.45	6224.28
MW-2	10/13/03	6261.39	37.07	37.64	0.57	6224.18
MW-2	01/19/04	6261.39	36.51	36.72	0.21	6224.83
MW-2	04/20/04	6261.39	35.91	36.93	1.02	6225.22
MW-2	07/27/04	6261.39	36.88	38.30	1.42	6224.15
MW-2	10/20/04	6261.39	37.37	38.23	0.86	6223.80
MW-2	01/25/05	6261.39	36.77	42.87	6.10	6223.09
MW-2	04/14/05	6261.39	36.55	36.55		6224.84
MW-2	07/19/05	6261.39	37.55	38.16	0.61	6223.69
MW-2	10/21/05	6261.39	37.06	38.31	1.25	6224.02
MW-2	01/23/06	6261.39	36.69	37.31	0.62	6224.54
MW-2	04/28/06	6261.39	36.33	37.01	0.68	6224.89
MW-2	07/26/06	6261.39	37.42	38.37	0.95	6223.73
MW-2	11/07/06	6261.39	35.21	35.28	0.07	6226.16
MW-2	01/17/07	6261.39	ND	35.35		6226.04
MW-2	04/24/07	6261.39	ND	35.08		6226.31
MW-2	07/31/07	6261.39	36.01	36.03	0.02	6225.37
MW-2	10/25/07	6261.39	ND	35.53		6225.86
MW-2	01/25/08	6261.39	35.34	35.37	0.03	6226.04
MW-2	04/18/08	6261.39	ND	34.9		6226.49
MW-2	07/23/08	6261.39	ND	35.95		6225.44
MW-2	10/13/08	6261.39	ND	36.39		6225.00
MW-2	01/16/09	6261.39	36.14	36.39	0.25	6225.19
MW-2	04/06/09	6261.39	35.94	35.98	0.04	6225.44
MW-2	08/25/09	6261.39	36.97	37.03	0.06	6224.40
MW-2	11/03/09	6261.39	36.96	37	0.04	6224.42
MW-2	02/16/10	6261.39	ND	36.96		6224.43
MW-2	05/24/10	6261.39	36.48	36.55	0.07	6224.89
MW-2	09/27/10	6261.39	37.57	37.58	0.01	6223.82
MW-2	11/08/10	6261.39	ND	37.72		6223.67
MW-2	02/01/11	6261.39	ND	36.92		6224.47
MW-2	05/02/11	6261.39	ND	36.71		6224.68
MW-2	09/23/11	6261.39	ND	38.01		6223.38
MW-2	11/10/11	6261.39	37.69	37.70	0.01	6223.70
MW-2	02/22/12	6261.39	37.39	37.54	0.15	6223.96
MW-2	05/15/12	6261.39	37.37	37.48	0.11	6223.99
MW-2	06/05/13	6261.39	ND	NA		NA

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	09/10/13	6261.39	ND	NA		NA
MW-2	12/11/13	6261.39	ND	NA		NA
MW-2	04/04/14	6261.39	ND	NA		NA
MW-2 abandoned and replaced with MW-2R on September 26, 2016						
MW-2R	10/15/16	6260.93	37.62	37.97	0.35	6223.22
MW-2R	06/07/17	6260.93	36.53	36.94	0.41	6224.30
MW-2R	07/26/17	6260.93	32.24	32.81	0.57	6228.55
MW-2R	11/14/17	6260.93	36.95	37.76	0.81	6223.78
MW-2R	05/15/18	6260.93	36.48	36.86	0.38	6224.36
MW-2R	10/21/18	6260.93	37.64	38.85	1.21	6222.99
MW-2R	10/27/18	6260.93	ND	37.78		6223.15
MW-2R	05/21/19	6260.93	36.70	37.35	0.65	6224.07
MW-2R	11/10/19	6260.93	37.65	38.82	1.17	6222.99
MW-2R	05/12/20	6260.93	37.26	38.24	0.98	6223.43
MW-2R	08/19/20	6260.93	38.24	39.75	1.51	6222.31
MW-2R	11/12/20	6260.93	38.62	38.69	0.07	6222.29
MW-3	09/05/00	6261.71	NR	37.40		6224.31
MW-3	07/03/01	6261.71	NR	37.69		6224.02
MW-3	09/04/01	6261.71	NR	37.50		6224.21
MW-3	09/24/01	6261.71	NR	37.51		6224.20
MW-3	04/01/02	6261.71	NR	37.08		6224.63
MW-3	07/15/02	6261.71	NR	37.13		6224.58
MW-3	10/08/02	6261.71	NR	38.085		6223.63
MW-3	07/17/03	6261.71	ND	38.28		6223.43
MW-3	10/13/03	6261.71	ND	38.34		6223.37
MW-3	01/19/04	6261.71	ND	37.69		6224.02
MW-3	04/20/04	6261.71	ND	37.26		6224.45
MW-3	07/27/04	6261.71	ND	38.36		6223.35
MW-3	10/20/04	6261.71	ND	38.72		6222.99
MW-3	01/25/05	6261.71	ND	38.13		6223.58
MW-3	04/14/05	6261.71	ND	37.74		6223.97
MW-3	07/19/05	6261.71	ND	38.74		6222.97
MW-3	10/21/05	6261.71	ND	38.48		6223.23
MW-3	01/23/06	6261.71	ND	37.89		6223.82
MW-3	04/28/06	6261.71	ND	37.61		6224.10
MW-3	07/26/06	6261.71	ND	38.34		6223.37
MW-3	11/07/06	6261.71	ND	36.50		6225.21
MW-3	01/17/07	6261.71	ND	35.98		6225.73
MW-3	04/24/07	6261.71	ND	35.64		6226.07
MW-3	07/31/07	6261.71	ND	36.59		6225.12

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	10/25/07	6261.71	ND	36.20		6225.51
MW-3	01/25/08	6261.71	ND	36.00		6225.71
MW-3	04/18/08	6261.71	ND	35.56		6226.15
MW-3	07/23/08	6261.71	ND	36.60		6225.11
MW-3	10/08/08	6261.71	ND	37.09		6224.62
MW-3	10/13/08	6261.71	ND	37.09		6224.62
MW-3	01/16/09	6261.71	ND	36.83		6224.88
MW-3	04/06/09	6261.71	ND	36.43		6225.28
MW-3	08/25/09	6261.71	ND	37.62		6224.09
MW-3	11/03/09	6261.71	ND	37.67		6224.04
MW-3	02/16/10	6261.71	ND	37.16		6224.55
MW-3	05/24/10	6261.71	ND	37.02		6224.69
MW-3	09/27/10	6261.71	ND	38.07		6223.64
MW-3	11/08/10	6261.71	ND	37.82		6223.89
MW-3	02/01/11	6261.71	ND	37.39		6224.32
MW-3	05/02/11	6261.71	ND	37.28		6224.43
MW-3	09/23/11	6261.71	ND	38.15		6223.56
MW-3	11/10/11	6261.71	ND	38.13		6223.58
MW-3	02/22/12	6261.71	ND	37.85		6223.86
MW-3	05/15/12	6261.71	ND	37.87		6223.84
MW-3	06/05/13	6261.71	ND	38.26		6223.45
MW-3	09/10/13	6261.71	ND	38.95		6222.76
MW-3	12/11/13	6261.71	ND	DRY		NA
MW-3	04/04/14	6261.71	ND	DRY		NA
MW-3	10/22/14	6261.71	ND	DRY		NA
MW-3	05/28/15	6261.71	ND	DRY		NA
MW-3	11/21/15	6261.71	ND	DRY		NA
MW-3	04/17/16	6261.71	ND	DRY		NA
MW-3 abandoned and replaced with MW-3R on September 26, 2016						
MW-3R	10/15/16	6261.09	ND	37.92		6223.17
MW-3R	06/07/17	6261.09	ND	36.83		6224.26
MW-3R	11/14/17	6261.09	ND	37.37		6223.72
MW-3R	05/15/18	6261.09	ND	36.77		6224.32
MW-3R	10/21/18	6261.09	ND	38.12		6222.97
MW-3R	10/27/18	6261.09	ND	38.05		6223.04
MW-3R	05/21/19	6261.09	ND	37.00		6224.09
MW-3R	11/10/19	6261.09	ND	38.15		6222.94
MW-3R	05/12/20	6261.09	ND	37.66		6223.43
MW-3R	11/12/20	6261.09	ND	38.85		6222.24
MW-4	11/08/06	6258.51	ND	32.95		6225.56

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	01/17/07	6258.51	ND	32.63		6225.88
MW-4	04/24/07	6258.51	ND	32.30		6226.21
MW-4	07/31/07	6258.51	ND	33.33		6225.18
MW-4	10/25/07	6258.51	ND	32.90		6225.61
MW-4	01/25/08	6258.51	ND	32.64		6225.87
MW-4	04/18/08	6258.51	ND	32.20		6226.31
MW-4	07/23/08	6258.51	ND	33.30		6225.21
MW-4	10/08/08	6258.51	ND	33.79		6224.72
MW-4	10/13/08	6258.51	ND	33.80		6224.71
MW-4	01/16/09	6258.51	ND	33.53		6224.98
MW-4	04/06/09	6258.51	ND	33.18		6225.33
MW-4	08/25/09	6258.51	ND	34.35		6224.16
MW-4	11/03/09	6258.51	ND	34.35		6224.16
MW-4	02/16/10	6258.51	ND	34.05		6224.46
MW-4	05/24/10	6258.51	ND	33.65		6224.86
MW-4	09/27/10	6258.51	ND	34.81		6223.70
MW-4	11/08/10	6258.51	ND	34.55		6223.96
MW-4	02/01/11	6258.51	ND	34.12		6224.39
MW-4	05/02/11	6258.51	ND	33.93		6224.58
MW-4	09/23/11	6258.51	ND	35.22		6223.29
MW-4	11/10/11	6258.51	ND	35.02		6223.49
MW-4	02/22/12	6258.51	ND	34.66		6223.85
MW-4	05/15/12	6258.51	ND	34.61		6223.90
MW-4	06/05/13	6258.51	ND	34.96		6223.55
MW-4	09/10/13	6258.51	ND	35.61		6222.90
MW-4	12/11/13	6258.51	ND	34.73		6223.78
MW-4	04/14/14	6258.51	ND	34.21		6224.30
MW-4	10/22/14	6258.51	ND	35.10		6223.41
MW-4	05/28/15	6258.51	ND	34.08		6224.43
MW-4	11/21/15	6258.51	ND	34.33		6224.18
MW-4	04/17/16	6258.51	ND	33.92		6224.59
MW-4	10/15/16	6258.51	ND	35.27		6223.24
MW-4	06/07/17	6258.51	ND	34.23		6224.28
MW-4	11/14/17	6258.51	ND	34.73		6223.78
MW-4	05/15/18	6258.51	ND	34.16		6224.35
MW-4	10/21/18	6258.51	ND	35.49		6223.02
MW-4	10/27/18	6258.51	ND	35.42		6223.09
MW-4	05/21/19	6258.51	ND	34.41		6224.10
MW-4	11/10/19	6258.51	ND	35.39		6223.12
MW-4	05/12/20	6258.51	ND	35.07		6223.44
MW-4	11/12/20	6258.51	ND	36.23		6222.28

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	10/15/16	6264.51	ND	41.24		6223.27
MW-5	06/07/17	6264.51	ND	40.14		6224.37
MW-5	11/14/17	6264.51	ND	40.70		6223.81
MW-5	05/15/18	6264.51	ND	40.09		6224.42
MW-5	10/21/18	6264.51	ND	41.46		6223.05
MW-5	10/27/18	6264.51	ND	41.40		6223.11
MW-5	05/21/19	6264.51	ND	40.34		6224.17
MW-5	11/10/19	6264.51	ND	41.53		6222.98
MW-5	05/12/20	6264.51	ND	41.00		6223.51
MW-5	11/12/20	6264.51	ND	42.13		6222.38
MW-6	10/15/16	6263.51	ND	40.14		6223.37
MW-6	06/07/17	6263.51	ND	39.07		6224.44
MW-6	11/14/17	6263.51	ND	39.69		6223.82
MW-6	05/15/18	6263.51	ND	39.01		6224.50
MW-6	10/21/18	6263.51	40.4	40.49	0.09	6223.08
MW-6	10/27/18	6263.51	ND	40.34		6223.17
MW-6	05/21/19	6263.51	ND	39.30		6224.21
MW-6	11/10/19	6263.51	ND	40.46		6223.05
MW-6	05/12/20	6263.51	ND	39.91		6223.60
MW-6	11/12/20	6263.51	41.04	41.09	0.05	6222.45
MW-7	10/15/16	6262.84	ND	39.32		6223.52
MW-7	06/07/17	6262.84	ND	37.34		6225.50
MW-7	11/14/17	6262.84	ND	37.88		6224.96
MW-7	05/15/18	6262.84	ND	37.27		6225.57
MW-7	10/21/18	6262.84	ND	38.62		6224.22
MW-7	10/27/18	6262.84	ND	38.56		6224.28
MW-7	05/21/19	6262.84	ND	37.54		6225.30
MW-7	11/10/19	6262.84	ND	38.64		6224.20
MW-7	05/12/20	6262.84	ND	38.18		6224.66
(DUP-01)M	05/12/20	0.00	NA	NA		NA
MW-7	11/12/20	6262.84	ND	39.37		6223.47
MW-8	10/15/16	6260.37	ND	37.10		6223.27
MW-8	06/07/17	6260.37	ND	36.08		6224.29
MW-8	11/14/17	6260.37	ND	36.56		6223.81
MW-8	05/15/18	6260.37	ND	35.97		6224.40
MW-8	10/21/18	6260.37	ND	37.40		6222.97
MW-8	10/27/18	6260.37	37.15	37.57	0.42	6223.11
MW-8	05/21/19	6260.37	ND	36.26		6224.11
MW-8	11/10/19	6260.37	ND	37.39		6222.98

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	05/12/20	6260.37	ND	36.88		6223.49
MW-8	11/12/20	6260.37	37.84	38.04	0.2	6222.48
MW-9	11/14/17	6261.66	37.75	38.14	0.39	6223.81
MW-9	05/15/18	6261.66	37.16	37.65	0.49	6224.38
MW-9	10/21/18	6261.66	38.34	39.35	1.01	6223.07
MW-9	10/27/18	6261.66	ND	38.55		6223.11
MW-9	05/21/19	6261.66	37.44	37.99	0.55	6224.08
MW-9	11/10/19	6261.66	38.39	39.70	1.31	6222.94
MW-9	05/12/20	6261.66	37.46	38.85	1.39	6223.85
MW-9	08/19/20	6261.66	38.50	40.59	2.09	6222.64
MW-9	11/12/20	6261.66	39.02	40.36	1.34	6222.31
MW-10	11/14/17	6257.55	ND	33.78		6223.77
MW-10	05/15/18	6257.55	ND	33.13		6224.42
MW-10	10/21/18	6257.55	ND	34.53		6223.02
MW-10	10/27/18	6257.55	ND	34.45		6223.10
MW-10	05/21/19	6257.55	ND	33.44		6224.11
MW-10	11/10/19	6257.55	ND	34.61		6222.94
MW-10	05/12/20	6257.55	ND	34.10		6223.45
MW-10	11/12/20	6257.55	ND	35.25		6222.30
TW-1	10/21/18	6261.86	ND	38.82		6223.04
TW-1	10/27/18	6261.86	ND	38.76		6223.10
TW-1	05/21/19	6261.86	ND	37.72		6224.14
TW-1	11/10/19	6261.86	ND	38.84		6223.02
TW-1	05/12/20	6261.86	ND	38.33		6223.53
TW-1	11/12/20	6261.86	ND	39.52		6222.34

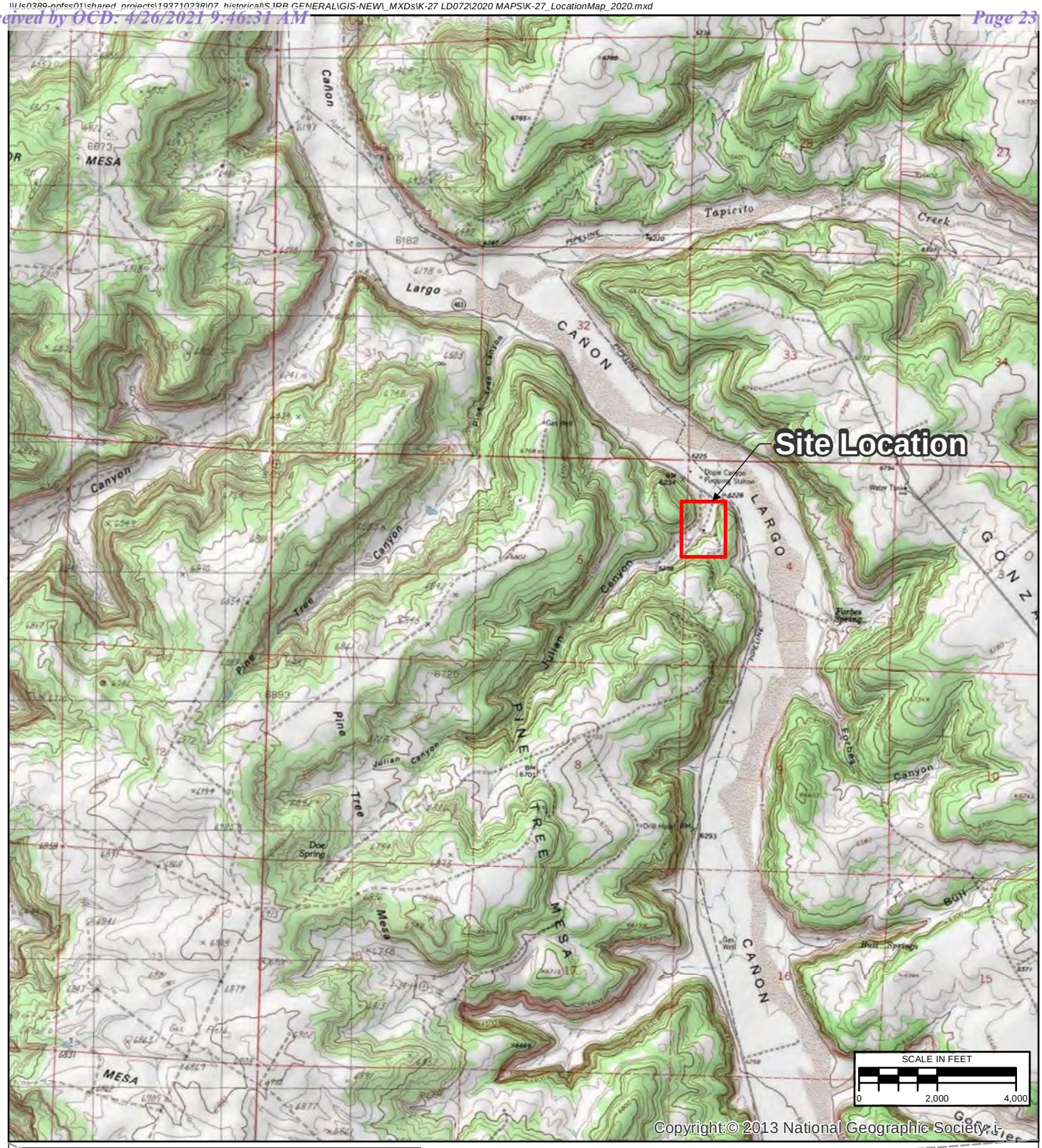
Notes:
"ft" = feet
"TOC" = Top of casing
"LNAPL" = Light non-aqueous phase liquid
"ND" = LNAPL not detected
"NR" = LNAPL not recorded
Groundwater elevation = Top of Casing elevation (TOC, ft) - (Depth to Water [ft] - [LPH thickness [ft} x 0.75]). A specific gravity of 0.75 is within the range of gas condensate (https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate)

TABLE 3 - FREE PRODUCT RECOVERY SUMMARY

K-27 Line Drip						
Date	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-1						
11/12/2020	39.47	39.49	0.02	<0.01	0.02	manual
			Total:	<0.01	0.02	
Well ID - MW-2R						
10/15/2016	37.62	37.97	0.35	0.06	<0.01	manual
6/7/2017	36.53	36.94	0.41	0.07	<0.01	manual
7/26/2017	32.24	32.81	0.57	2.2	348	Mobile DPE*
11/14/2017	36.96	37.76	0.8	Trace	<0.01	manual
5/15/2018	36.48	36.86	0.38	<0.01	<0.01	manual
10/21/2018	37.64	38.85	1.21	0.1	<0.01	manual
5/21/2019	36.70	37.35	0.65	0.13	0.32	manual
11/10/2019	37.65	38.82	1.17	0.82	0.29	manual
5/11/2020	37.26	38.24	0.98	0.84	0.47	manual
8/19/2020	38.24	39.75	1.51	1.44	0.86	manual
11/12/2020	38.62	38.69	0.07	<0.01	0.06	manual
			Total:	5.7	350	
Well ID - MW-6						
10/21/2018	40.40	40.49	0.09	<0.01	0.10	manual
11/12/2020	41.04	41.09	0.05	<0.01	<0.01	manual
			Total:	<0.01	0.10	
Well ID - MW-8						
10/27/2018	37.15	37.57	0.42	0.05	<0.01	manual
11/12/2020	37.84	38.04	0.20	0.26	0.03	manual
			Total:	0.31	0.03	
Well ID - MW-9						
10/14/2017	35.75	38.14	2.39	0.25	0.1	manual
5/15/2018	37.16	37.65	0.49	0.2	<0.01	manual
10/21/2018	38.34	39.35	1.01	8.3	301	Mobile DPE*
5/21/2019	37.44	37.99	0.55	0.11	0.1	manual
11/10/2019	38.39	39.70	1.31	0.95	0.24	manual
5/11/2020	37.46	38.85	1.39	0.69	0.40	manual
8/19/2020	38.50	40.59	2.09	2.76	0.85	manual
11/12/2020	39.02	40.36	1.34	2.13	0.25	manual
			Total:	11.1	302	

Notes:
gal = gallons.
* = Mobile Duel Phase Extraction (DPE) includes calculated recovered hydrocarbon vapors.
Product recovery data for 2012 and previous years documented in previously-submitted reports.

FIGURES



N

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/17/2021	SAH	SAH	SRV

TITLE
SITE LOCATION

Stantec

PROJECT
K-27 LD072
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

FIGURE
1

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\K-27 LD072\2019 MAPS\K-27_SITEMAP_1SA_2019.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- TEST WELL
- SOIL BORING
- SMA BENCHMARK
- RIGHT OF WAY BOUNDARY

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/11/2021	SLG	SLG	SRV

TITLE:

SITE PLAN

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.:

2

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\K-27 LD072\2020 MAPS\K-27_GARM_1SA_2020.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- TEST WELL
- SMA BENCHMARK

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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/11/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 12, 2020

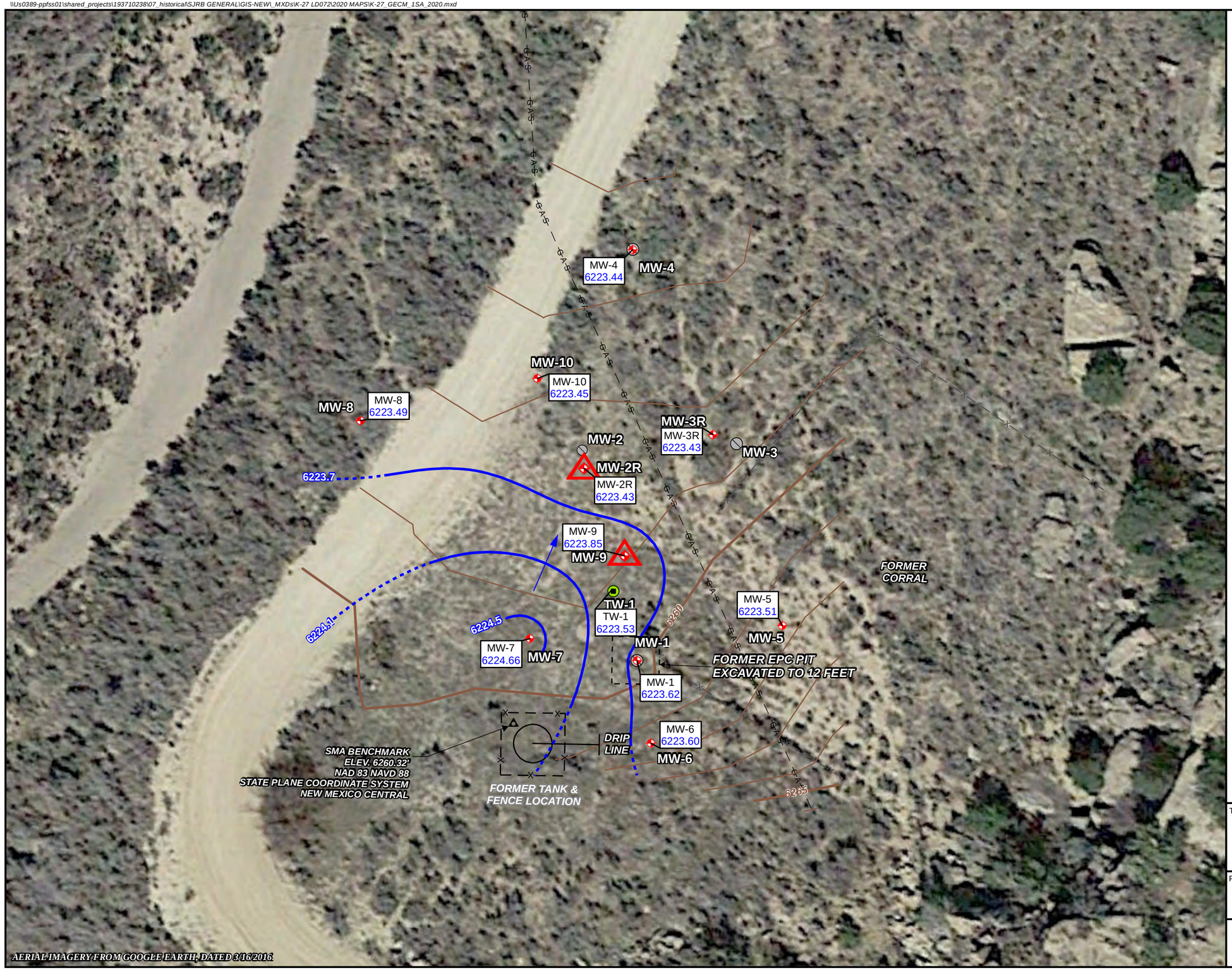
PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: **3**

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\K-27 LD072\2020 MAPS\K-27_GECM_1SA_2020.mxd



LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— — FENCE
- G A S — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- TEST WELL
- SMA BENCHMARK

NOTES:

- 6223.43 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- 6223.7 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- * GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2/11/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 12, 2020

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: 4

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\K-27 LD072\2020 MAPS\K-27_GARM_2SA_2020.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- G A S — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- TEST WELL
- SMA BENCHMARK

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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/11/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 12, 2020

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: 5

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\K-27 LD072\2020 MAPS\K-27_GECM_2SA_2020.mxd

MW-4
MW-4
6222.28

MW-10
MW-10
6222.30

MW-8
MW-8
6222.48

6222.4

MW-3R
MW-3R
6222.24

MW-2
MW-2R
MW-2R
6222.29

MW-3

6222.8

MW-9
6222.31
MW-9

FORMER CORRAL

6223.2

TW-1
TW-1
6222.34*

6230

MW-5
6222.38
MW-5

MW-7
MW-7
6223.47

MW-1
MW-1
6222.46

FORMER EPC PIT EXCAVATED TO 12 FEET

DRIP LINE

MW-6
MW-6
6222.45

6235

SMA BENCHMARK
ELEV. 6260.32'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO CENTRAL

FORMER TANK & FENCE LOCATION

AERIAL IMAGERY FROM GOOGLE EARTH, DATED 3/16/2016.

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— — FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- TEST WELL
- SMA BENCHMARK

NOTES:

- 6222.45 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- 6226.2 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- * — GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	3/2/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 12, 2020

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: 6

APPENDICES

APPENDIX A – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX B – WASTEWATER DISPOSAL DOCUMENTATION

APPENDIX C – MAY 12, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT

NOVEMBER 12, 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

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

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

APPENDIX B

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413
505-632-8936 or 505-334-1013
OPEN 24 Hours per Day

NO. 732583
NMOCD PERMIT: NM-001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 5.13.20

DEL. TKT#.

GENERATOR: El Paso CGP

BILL TO: El Paso CGP

HAULING CO: Stanteo

DRIVER:
(Print Full Name)

ORDERED BY: Joe W.

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		Fields #7A / State Gas Com M1						
2		Canada Mesa #2 K27LD172						
3		Miles Fed # 1A Standard Oil Com	1	.70			70¢	
4								
5								

I, [signature] representitive 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

30 Years of Environmental Health and Safety Excellence

BASIN DISPOSAL

200 Montana, Bloomfield, NM 87413
505-632-8936 or 505-334-3013
OPEN 24 Hours per Day

NO. 796778
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 8-19-20
DEL. TKT#.
GENERATOR: Elpaso CGP
BILL TO: Elpaso CGP
HAULING CO. Sierra
DRIVER: Vincent
(Print Full Name)
ORDERED BY: Steve
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		Johnston Federal #4	70	70			14	
2		Canada Mesa #2, K-27, Johnston Federal #6A, Lateral L-40						
3								
4								
5								

I, _____ representitive 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 _____

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. 800456
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 11-13-20
DEL. TKT#.
GENERATOR: CGP
BILL TO: CGP
HAULING CO. CGP
DRIVER: Sean
(Print Full Name)
ORDERED BY: Joe W.
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		Canada mesa #2	10	70			70	
2		K-27L Doyle Wiles Federal #1A						'20 NOV 13 6:19PM
3		Standard oil com #1						
4		Knight #1, Gallegos Canyon Unit #124E						
5		GCU Com A #172E						

I, Sean Clay, representative or authorized agent for [signature] 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 ☐ Denied ATTENDANT SIGNATURE [signature]

SAN JUAN PRINTING 2020 1973-1

APPENDIX C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-188041-1
Client Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Attn: Ms. Sarah Gardner

Marty Edwards

Authorized for release by:
5/26/2020 4:50:28 PM

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

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Laboratory Job ID: 400-188041-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control 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
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-LLC -K27 LD072.00

Job ID: 400-188041-1

Job ID: 400-188041-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-188041-1

Comments
No additional comments.

Receipt
The samples were received on 5/14/2020 9:28 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA
Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 400-489389 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (400-188041-1). Elevated reporting limits (RLs) are provided.

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 Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-1 Lab Sample ID: 400-188041-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	340		2.0		ug/L	2		8260C	Total/NA
Toluene	220		2.0		ug/L	2		8260C	Total/NA
Ethylbenzene	19		2.0		ug/L	2		8260C	Total/NA
Xylenes, Total	370		20		ug/L	2		8260C	Total/NA

Client Sample ID: MW-3R Lab Sample ID: 400-188041-2

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-188041-3

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-188041-4

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-188041-5

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-188041-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	5.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-8 Lab Sample ID: 400-188041-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	3.6		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.8		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	36		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-10 Lab Sample ID: 400-188041-8

No Detections.

Client Sample ID: TB-01 Lab Sample ID: 400-188041-9

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-188041-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	6.5		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-188041-1	MW-1	Water	05/12/20 10:15	05/14/20 09:28	
400-188041-2	MW-3R	Water	05/12/20 09:05	05/14/20 09:28	
400-188041-3	MW-4	Water	05/12/20 09:20	05/14/20 09:28	
400-188041-4	MW-5	Water	05/12/20 09:35	05/14/20 09:28	
400-188041-5	MW-6	Water	05/12/20 09:51	05/14/20 09:28	
400-188041-6	MW-7	Water	05/12/20 08:47	05/14/20 09:28	
400-188041-7	MW-8	Water	05/12/20 10:00	05/14/20 09:28	
400-188041-8	MW-10	Water	05/12/20 10:10	05/14/20 09:28	
400-188041-9	TB-01	Water	05/12/20 07:00	05/14/20 09:28	
400-188041-10	DUP-01	Water	05/12/20 01:00	05/14/20 09:28	

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-1
Lab Sample ID: 400-188041-1
Date Collected: 05/12/20 10:15
Matrix: Water
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	340		2.0		ug/L			05/16/20 10:01	2
Toluene	220		2.0		ug/L			05/16/20 10:01	2
Ethylbenzene	19		2.0		ug/L			05/16/20 10:01	2
Xylenes, Total	370		20		ug/L			05/16/20 10:01	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 10:01*	*2*
Dibromofluoromethane	*100*		*81 - 121*		*05/16/20 10:01*	*2*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/16/20 10:01*	*2*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-3R
Lab Sample ID: 400-188041-2
Date Collected: 05/12/20 09:05
Matrix: Water
Date Received: 05/14/20 09:28

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			05/16/20 08:23	1
Toluene	<1.0		1.0		ug/L			05/16/20 08:23	1
Ethylbenzene	<1.0	F2	1.0		ug/L			05/16/20 08:23	1
Xylenes, Total	<10	F2	10		ug/L			05/16/20 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 08:23*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*05/16/20 08:23*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/16/20 08:23*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-4
Lab Sample ID: 400-188041-3
Date Collected: 05/12/20 09:20
Matrix: Water
Date Received: 05/14/20 09:28

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			05/16/20 08:46	1
Toluene	<1.0		1.0		ug/L			05/16/20 08:46	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 08:46	1
Xylenes, Total	<10		10		ug/L			05/16/20 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*05/16/20 08:46*	*1*
Dibromofluoromethane	*106*		*81 - 121*		*05/16/20 08:46*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/16/20 08:46*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-5 **Lab Sample ID: 400-188041-4**
Date Collected: 05/12/20 09:35 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/16/20 09:11	1
Toluene	<1.0		1.0		ug/L			05/16/20 09:11	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 09:11	1
Xylenes, Total	<10		10		ug/L			05/16/20 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*78 - 118*		*05/16/20 09:11*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/16/20 09:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/16/20 09:11*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-6 **Lab Sample ID: 400-188041-5**
Date Collected: 05/12/20 09:51 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/16/20 09:37	1
Toluene	<1.0		1.0		ug/L			05/16/20 09:37	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 09:37	1
Xylenes, Total	<10		10		ug/L			05/16/20 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 09:37*	*1*
Dibromofluoromethane	*101*		*81 - 121*		*05/16/20 09:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/16/20 09:37*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-7
Lab Sample ID: 400-188041-6
Date Collected: 05/12/20 08:47
Matrix: Water
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**5.5**		1.0		ug/L			05/16/20 13:08	1
Toluene	<1.0		1.0		ug/L			05/16/20 13:08	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 13:08	1
Xylenes, Total	<10		10		ug/L			05/16/20 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*05/16/20 13:08*	*1*
Dibromofluoromethane	*105*		*81 - 121*		*05/16/20 13:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/16/20 13:08*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-8
Lab Sample ID: 400-188041-7
Date Collected: 05/12/20 10:00
Matrix: Water
Date Received: 05/14/20 09:28

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			05/16/20 13:33	1
Toluene	**3.6**		1.0		ug/L			05/16/20 13:33	1
Ethylbenzene	**1.8**		1.0		ug/L			05/16/20 13:33	1
Xylenes, Total	**36**		10		ug/L			05/16/20 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 13:33*	*1*
Dibromofluoromethane	*100*		*81 - 121*		*05/16/20 13:33*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*05/16/20 13:33*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-10
Lab Sample ID: 400-188041-8
Date Collected: 05/12/20 10:10
Matrix: Water
Date Received: 05/14/20 09:28

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			05/16/20 13:56	1
Toluene	<1.0		1.0		ug/L			05/16/20 13:56	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 13:56	1
Xylenes, Total	<10		10		ug/L			05/16/20 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 13:56*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/16/20 13:56*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/16/20 13:56*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: TB-01 **Lab Sample ID: 400-188041-9**
Date Collected: 05/12/20 07:00 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/24/20 15:33	1
Toluene	<1.0		1.0		ug/L			05/24/20 15:33	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/20 15:33	1
Xylenes, Total	<10		10		ug/L			05/24/20 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*05/24/20 15:33*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*05/24/20 15:33*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/24/20 15:33*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: DUP-01
Lab Sample ID: 400-188041-10
Date Collected: 05/12/20 01:00
Matrix: Water
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.5**		1.0		ug/L			05/16/20 14:21	1
Toluene	<1.0		1.0		ug/L			05/16/20 14:21	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 14:21	1
Xylenes, Total	<10		10		ug/L			05/16/20 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/16/20 14:21*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/16/20 14:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/16/20 14:21*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

GC/MS VOA

Analysis Batch: 489389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-188041-1	MW-1	Total/NA	Water	8260C	
400-188041-2	MW-3R	Total/NA	Water	8260C	
400-188041-3	MW-4	Total/NA	Water	8260C	
400-188041-4	MW-5	Total/NA	Water	8260C	
400-188041-5	MW-6	Total/NA	Water	8260C	
400-188041-6	MW-7	Total/NA	Water	8260C	
400-188041-7	MW-8	Total/NA	Water	8260C	
400-188041-8	MW-10	Total/NA	Water	8260C	
400-188041-10	DUP-01	Total/NA	Water	8260C	
MB 400-489389/4	Method Blank	Total/NA	Water	8260C	
LCS 400-489389/1002	Lab Control Sample	Total/NA	Water	8260C	
400-188041-2 MS	MW-3R	Total/NA	Water	8260C	
400-188041-2 MSD	MW-3R	Total/NA	Water	8260C	

Analysis Batch: 490277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-188041-9	TB-01	Total/NA	Water	8260C	
MB 400-490277/40	Method Blank	Total/NA	Water	8260C	
LCS 400-490277/1003	Lab Control Sample	Total/NA	Water	8260C	
400-188045-A-3 MS	Matrix Spike	Total/NA	Water	8260C	
400-188045-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Job ID: 400-188041-1

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

Lab Sample ID: MB 400-489389/4
Matrix: Water
Analysis Batch: 489389

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			05/16/20 07:58	1
Toluene	<1.0		1.0		ug/L			05/16/20 07:58	1
Ethylbenzene	<1.0		1.0		ug/L			05/16/20 07:58	1
Xylenes, Total	<10		10		ug/L			05/16/20 07:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/16/20 07:58*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/16/20 07:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/16/20 07:58*	*1*

Lab Sample ID: LCS 400-489389/1002
Matrix: Water
Analysis Batch: 489389

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	49.0		ug/L		98	70 - 130		
Toluene			50.0	49.4		ug/L		99	70 - 130		
Ethylbenzene			50.0	52.4		ug/L		105	70 - 130		
Xylenes, Total			100	104		ug/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*78 - 118*
Dibromofluoromethane	*106*		*81 - 121*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 400-188041-2 MS
Matrix: Water
Analysis Batch: 489389

Client Sample ID: MW-3R
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	45.0		ug/L		90	56 - 142		
Toluene	<1.0		50.0	44.1		ug/L		88	65 - 130		
Ethylbenzene	<1.0	F2	50.0	47.0		ug/L		94	58 - 131		
Xylenes, Total	<10	F2	100	93.4		ug/L		93	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*78 - 118*
Dibromofluoromethane	*106*		*81 - 121*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 400-188041-2 MSD
Matrix: Water
Analysis Batch: 489389

Client Sample ID: MW-3R
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	41.3		ug/L		83	56 - 142	9	30
Toluene	<1.0		50.0	36.7		ug/L		73	65 - 130	18	30
Ethylbenzene	<1.0	F2	50.0	33.2	F2	ug/L		66	58 - 131	35	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Job ID: 400-188041-1

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

Lab Sample ID: 400-188041-2 MSD
Matrix: Water
Analysis Batch: 489389

Client Sample ID: MW-3R
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	F2	100	64.8	F2	ug/L		65	59 - 130	36	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*78 - 118*
Dibromofluoromethane	*106*		*81 - 121*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 400-490277/40
Matrix: Water
Analysis Batch: 490277

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			05/24/20 12:40	1
Toluene	<1.0		1.0		ug/L			05/24/20 12:40	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/20 12:40	1
Xylenes, Total	<10		10		ug/L			05/24/20 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/24/20 12:40*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*05/24/20 12:40*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/24/20 12:40*	*1*

Lab Sample ID: LCS 400-490277/1003
Matrix: Water
Analysis Batch: 490277

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	54.0		ug/L		108	70 - 130		
Toluene			50.0	51.2		ug/L		102	70 - 130		
Ethylbenzene			50.0	55.2		ug/L		110	70 - 130		
Xylenes, Total			100	108		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 400-188045-A-3 MS
Matrix: Water
Analysis Batch: 490277

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	56.1		ug/L		112	56 - 142		
Toluene	<1.0		50.0	51.9		ug/L		104	65 - 130		
Ethylbenzene	<1.0		50.0	54.7		ug/L		109	58 - 131		
Xylenes, Total	<10		100	107		ug/L		107	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Lab Sample ID: 400-188045-A-3 MS
Matrix: Water
Analysis Batch: 490277

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	95		78 - 118
Dibromofluoromethane	104		81 - 121
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 400-188045-A-3 MSD
Matrix: Water
Analysis Batch: 490277

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	55.0		ug/L		110	56 - 142	2	30
Toluene	<1.0		50.0	51.1		ug/L		102	65 - 130	1	30
Ethylbenzene	<1.0		50.0	53.3		ug/L		107	58 - 131	3	30
Xylenes, Total	<10		100	106		ug/L		106	59 - 130	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	97		78 - 118
Dibromofluoromethane	99		81 - 121
Toluene-d8 (Surr)	97		80 - 120

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Job ID: 400-188041-1

Client Sample ID: MW-1
Date Collected: 05/12/20 10:15
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-1
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		2	5 mL	5 mL	489389	05/16/20 10:01	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-3R
Date Collected: 05/12/20 09:05
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-2
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	489389	05/16/20 08:23	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-4
Date Collected: 05/12/20 09:20
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-3
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	489389	05/16/20 08:46	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-5
Date Collected: 05/12/20 09:35
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-4
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	489389	05/16/20 09:11	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-6
Date Collected: 05/12/20 09:51
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-5
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	489389	05/16/20 09:37	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-7
Date Collected: 05/12/20 08:47
Date Received: 05/14/20 09:28

Lab Sample ID: 400-188041-6
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	489389	05/16/20 13:08	WPD	TAL PEN
	Instrument ID: Tesla									

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-8 Lab Sample ID: 400-188041-7

Date Collected: 05/12/20 10:00 **Matrix: Water**
Date Received: 05/14/20 09:28

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	489389	05/16/20 13:33	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-10 Lab Sample ID: 400-188041-8

Date Collected: 05/12/20 10:10 **Matrix: Water**
Date Received: 05/14/20 09:28

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	489389	05/16/20 13:56	WPD	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: TB-01 Lab Sample ID: 400-188041-9

Date Collected: 05/12/20 07:00 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490277	05/24/20 15:33	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: DUP-01 Lab Sample ID: 400-188041-10

Date Collected: 05/12/20 01:00 **Matrix: Water**
Date Received: 05/14/20 09:28

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	489389	05/16/20 14:21	WPD	TAL PEN
	Instrument ID: Tesla									

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 Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Method Summary

Client: Stantec Consulting Services Inc
Job ID: 400-188041-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

Client Information	Sampler: SKC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):
Client Contact: Steve Varsa	Phone: 3152530850	E-Mail: marty.edwards@testamericainc.com	
Company: Stantec Consulting Services Inc			
Address: 11153 Aurora Avenue	Due Date Requested:		
City: Des Moines	TAT Requested (days): STANDARD TAT		
State, Zip: IA, 50322-7904			
Phone: 303-291-2239(Tel)	PO #: See Project Notes		
Email: steve.varsa@stantec.com	WO #:		
Project Name: K27 LD072.00	Project #: 40005479		
Site:	SSOW#:		

Analysis Requested

400-188041 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260 unpreserved	8260C - (MOD) BTEX 8260 (unpreserved) HCL	Total Number of containers
W-ERH-STN-04-10-20-SAH-09-K27 LD072									
			Preservation Code:				A	N	
MW-1	5/12/2020	1015	G	Water	N	N	0	3	
MW-3R	5/12/2020	0905	G	W	N	N	3	0	
MW-4	5/12/2020	0920	G	W	N	N	3	0	
MW-5	5/12/2020	0935	G	W	N	N	3	0	
MW-6	5/12/2020	0951	G	W	N	N	2	0	
MW-7	5/12/2020	0847	G	W	N	N	0	2	
MW-8	5/12/2020	1000	G	W	N	N	0	2	
MW-10	5/12/2020	1010	G	W	N	N	0	3	
TB-01	5/12/2020	0700	G	W	N	N	0	3 (2 HCL)	
Dup-01	5/12/2020	0100	G	W	N	N	0	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are reta
☐ Return To Client ☐ Disposal By Lab ☒ Arc

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Sam M Clary	Date/Time: 5/13/2020 0700	Received by:	Date/Time:

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-188041-1

Login Number: 188041 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Hinrichsen, Megan E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	2-40ml vials received for the trip blank, but 3 were listed on the COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-195889-1
Client Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
11/30/2020 12:40:49 PM

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

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Laboratory Job ID: 400-195889-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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 Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Job ID: 400-195889-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-195889-1

Comments
No additional comments.

Receipt
The samples were received on 11/14/2020 8:29 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.2º C.

GC/MS VOA
Method 8260C: One of three internal standard responses was outside of acceptance limits for the following sample: DUP-01 (400-195889-2). 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 Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: TB-01 Lab Sample ID: 400-195889-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-195889-2

No Detections.

Client Sample ID: MW-3R Lab Sample ID: 400-195889-3

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-195889-4

No Detections.

Client Sample ID: MW-10 Lab Sample ID: 400-195889-5

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-LLC -K27 LD072.00

Job ID: 400-195889-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-195889-1	TB-01	Water	11/12/20 11:00	11/14/20 08:29	
400-195889-2	DUP-01	Water	11/12/20 12:00	11/14/20 08:29	
400-195889-3	MW-3R	Water	11/12/20 11:51	11/14/20 08:29	
400-195889-4	MW-7	Water	11/12/20 11:30	11/14/20 08:29	
400-195889-5	MW-10	Water	11/12/20 12:10	11/14/20 08:29	

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: TB-01
Lab Sample ID: 400-195889-1
Date Collected: 11/12/20 11:00
Matrix: Water
Date Received: 11/14/20 08:29

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 00:40	1
Toluene	<1.0		1.0		ug/L			11/25/20 00:40	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 00:40	1
Xylenes, Total	<10		10		ug/L			11/25/20 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*78 - 118*		*11/25/20 00:40*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*11/25/20 00:40*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/25/20 00:40*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: DUP-01
Lab Sample ID: 400-195889-2
Date Collected: 11/12/20 12:00
Matrix: Water
Date Received: 11/14/20 08:29

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 05:19	1
Toluene	<1.0		1.0		ug/L			11/25/20 05:19	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 05:19	1
Xylenes, Total	<10		10		ug/L			11/25/20 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*	**3*	*78 - 118*		*11/25/20 05:19*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*11/25/20 05:19*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/25/20 05:19*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-3R
Lab Sample ID: 400-195889-3
Date Collected: 11/12/20 11:51
Matrix: Water
Date Received: 11/14/20 08:29

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			11/19/20 10:28	1
Toluene	<1.0		1.0		ug/L			11/19/20 10:28	1
Ethylbenzene	<1.0		1.0		ug/L			11/19/20 10:28	1
Xylenes, Total	<10		10		ug/L			11/19/20 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*78 - 118*		*11/19/20 10:28*	*1*
Dibromofluoromethane	*93*		*81 - 121*		*11/19/20 10:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/20 10:28*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-7
Lab Sample ID: 400-195889-4
Date Collected: 11/12/20 11:30
Matrix: Water
Date Received: 11/14/20 08:29

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 05:54	1
Toluene	<1.0		1.0		ug/L			11/25/20 05:54	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 05:54	1
Xylenes, Total	<10		10		ug/L			11/25/20 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*11/25/20 05:54*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*11/25/20 05:54*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 05:54*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: MW-10
Lab Sample ID: 400-195889-5
Date Collected: 11/12/20 12:10
Matrix: Water
Date Received: 11/14/20 08:29

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 13:01	1
Toluene	<1.0		1.0		ug/L			11/25/20 13:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 13:01	1
Xylenes, Total	<10		10		ug/L			11/25/20 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*78 - 118*		*11/25/20 13:01*	*1*
Dibromofluoromethane	*109*		*81 - 121*		*11/25/20 13:01*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/25/20 13:01*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

GC/MS VOA

Analysis Batch: 511281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195889-3	MW-3R	Total/NA	Water	8260C	
MB 400-511281/4	Method Blank	Total/NA	Water	8260C	
LCS 400-511281/1002	Lab Control Sample	Total/NA	Water	8260C	
400-195820-A-5 MS	Matrix Spike	Total/NA	Water	8260C	
400-195820-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 512026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195889-1	TB-01	Total/NA	Water	8260C	
400-195889-2	DUP-01	Total/NA	Water	8260C	
400-195889-4	MW-7	Total/NA	Water	8260C	
MB 400-512026/15	Method Blank	Total/NA	Water	8260C	
LCS 400-512026/1002	Lab Control Sample	Total/NA	Water	8260C	
400-195897-A-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-195897-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 512038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195889-5	MW-10	Total/NA	Water	8260C	
MB 400-512038/4	Method Blank	Total/NA	Water	8260C	
LCS 400-512038/1002	Lab Control Sample	Total/NA	Water	8260C	
400-195818-A-12 MS	Matrix Spike	Total/NA	Water	8260C	
400-195818-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Lab Sample ID: MB 400-511281/4
Matrix: Water
Analysis Batch: 511281

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			11/19/20 10:05	1
Toluene	<1.0		1.0		ug/L			11/19/20 10:05	1
Ethylbenzene	<1.0		1.0		ug/L			11/19/20 10:05	1
Xylenes, Total	<10		10		ug/L			11/19/20 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*78 - 118*		*11/19/20 10:05*	*1*
Dibromofluoromethane	*95*		*81 - 121*		*11/19/20 10:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/20 10:05*	*1*

Lab Sample ID: LCS 400-511281/1002
Matrix: Water
Analysis Batch: 511281

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	51.5		ug/L		103	70 - 130		
Toluene			50.0	53.2		ug/L		106	70 - 130		
Ethylbenzene			50.0	53.0		ug/L		106	70 - 130		
Xylenes, Total			100	102		ug/L		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*78 - 118*
Dibromofluoromethane	*94*		*81 - 121*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 400-195820-A-5 MS
Matrix: Water
Analysis Batch: 511281

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	52.4		ug/L		105	56 - 142		
Toluene	<1.0		50.0	51.2		ug/L		102	65 - 130		
Ethylbenzene	<1.0		50.0	49.4		ug/L		99	58 - 131		
Xylenes, Total	<10		100	95.1		ug/L		95	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*78 - 118*
Dibromofluoromethane	*97*		*81 - 121*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 400-195820-A-5 MSD
Matrix: Water
Analysis Batch: 511281

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	54.0		ug/L		108	56 - 142	3	30
Toluene	<1.0		50.0	54.4		ug/L		109	65 - 130	6	30
Ethylbenzene	<1.0		50.0	55.2		ug/L		110	58 - 131	11	30

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Lab Sample ID: 400-195820-A-5 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 511281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	105		ug/L		105	59 - 130	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*78 - 118*
Dibromofluoromethane	*93*		*81 - 121*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 400-512026/15 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 512026

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/24/20 20:01	1
Toluene	<1.0		1.0		ug/L			11/24/20 20:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/20 20:01	1
Xylenes, Total	<10		10		ug/L			11/24/20 20:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*78 - 118*		*11/24/20 20:01*	*1*
Dibromofluoromethane	*89*		*81 - 121*		*11/24/20 20:01*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/24/20 20:01*	*1*

Lab Sample ID: LCS 400-512026/1002 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 512026

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	43.8		ug/L		88	70 - 130		
Toluene			50.0	47.2		ug/L		94	70 - 130		
Ethylbenzene			50.0	45.2		ug/L		90	70 - 130		
Xylenes, Total			100	90.1		ug/L		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*78 - 118*
Dibromofluoromethane	*93*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-195897-A-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 512026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	44.5		ug/L		89	56 - 142		
Toluene	<1.0		50.0	46.0		ug/L		92	65 - 130		
Ethylbenzene	<1.0		50.0	38.4		ug/L		77	58 - 131		
Xylenes, Total	<10		100	77.7		ug/L		78	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Job ID: 400-195889-1

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

Lab Sample ID: 400-195897-A-1 MS
Matrix: Water
Analysis Batch: 512026

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	100		78 - 118
Dibromofluoromethane	95		81 - 121
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 400-195897-A-1 MSD
Matrix: Water
Analysis Batch: 512026

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	44.0		ug/L		88	56 - 142	1	30
Toluene	<1.0		50.0	45.4		ug/L		91	65 - 130	1	30
Ethylbenzene	<1.0		50.0	39.5		ug/L		79	58 - 131	3	30
Xylenes, Total	<10		100	78.8		ug/L		79	59 - 130	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	99		78 - 118
Dibromofluoromethane	99		81 - 121
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 400-512038/4
Matrix: Water
Analysis Batch: 512038

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 08:04	1
Toluene	<1.0		1.0		ug/L			11/25/20 08:04	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 08:04	1
Xylenes, Total	<10		10		ug/L			11/25/20 08:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		78 - 118		11/25/20 08:04	1
Dibromofluoromethane	111		81 - 121		11/25/20 08:04	1
Toluene-d8 (Surr)	97		80 - 120		11/25/20 08:04	1

Lab Sample ID: LCS 400-512038/1002
Matrix: Water
Analysis Batch: 512038

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	51.0		ug/L		102	70 - 130		
Toluene			50.0	47.8		ug/L		96	70 - 130		
Ethylbenzene			50.0	49.4		ug/L		99	70 - 130		
Xylenes, Total			100	97.2		ug/L		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	91		78 - 118
Dibromofluoromethane	106		81 - 121

QC Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Lab Sample ID: LCS 400-512038/1002
Matrix: Water
Analysis Batch: 512038

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: 400-195818-A-12 MS
Matrix: Water
Analysis Batch: 512038

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	46.5		ug/L		93	56 - 142
Toluene	<1.0		50.0	43.3		ug/L		87	65 - 130
Ethylbenzene	<1.0		50.0	43.2		ug/L		86	58 - 131
Xylenes, Total	<10		100	85.5		ug/L		86	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	90		78 - 118
Dibromofluoromethane	104		81 - 121
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: 400-195818-A-12 MSD
Matrix: Water
Analysis Batch: 512038

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	51.3		ug/L		103	56 - 142	10	30
Toluene	<1.0		50.0	48.2		ug/L		96	65 - 130	11	30
Ethylbenzene	<1.0		50.0	48.1		ug/L		96	58 - 131	11	30
Xylenes, Total	<10		100	95.1		ug/L		95	59 - 130	11	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	90		78 - 118
Dibromofluoromethane	107		81 - 121
Toluene-d8 (Surr)	96		80 - 120

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

Client Sample ID: TB-01
Lab Sample ID: 400-195889-1
Date Collected: 11/12/20 11:00
Matrix: Water
Date Received: 11/14/20 08:29

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	512026	11/25/20 00:40	BEP	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: DUP-01
Lab Sample ID: 400-195889-2
Date Collected: 11/12/20 12:00
Matrix: Water
Date Received: 11/14/20 08:29

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	512026	11/25/20 05:19	BEP	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-3R
Lab Sample ID: 400-195889-3
Date Collected: 11/12/20 11:51
Matrix: Water
Date Received: 11/14/20 08:29

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	511281	11/19/20 10:28	WPD	TAL PEN
	Instrument ID: Rosalind									

Client Sample ID: MW-7
Lab Sample ID: 400-195889-4
Date Collected: 11/12/20 11:30
Matrix: Water
Date Received: 11/14/20 08:29

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	512026	11/25/20 05:54	BEP	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-10
Lab Sample ID: 400-195889-5
Date Collected: 11/12/20 12:10
Matrix: Water
Date Received: 11/14/20 08:29

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	512038	11/25/20 13:01	WPD	TAL PEN
	Instrument ID: CH_TAN									

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 Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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

Method Summary

Client: Stantec Consulting Services Inc
Job ID: 400-195889-1
Project/Site: ElPaso CGP Company-LLC -K27 LD072.00

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
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

TestAmerica Des Moines SC
214

Eurofins Environment Testing America

400-195889 COC

Client Information	Sampler: SRC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-97379-35223.1
Client Contact: Steve Varsa	Phone: 913 980 0281	E-Mail: Marty.Edwards@Eurofinset.com		Page: Page 1 of 1
Company: Stantec Consulting Services Inc				Job #:
Address: 11153 Aurora Avenue	Due Date Requested:			
City: Des Moines	TAT Requested (days): STD			
State, Zip: IA, 50322-7904				
Phone: 303-291-2239(Tel)	PO #: See Project Notes			
Email: steve.varsa@stantec.com	WO #:			
Project Name: K27 LD072.00	Project #: 40005479			
Site: K27	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

W-ERC-STN-11-02-20-JAH-09 K27 LD072

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	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:
			Preservation Code:				A	N		
TB-01	11/12/2020	1100	G	Water			2		2	
DUP-01	11/12/2020	1200	G	Water			3		3	Blind Dup
MW-3R	11/12/2020	1151	G	Water				3	3	
MW-7	11/12/2020	1130	G	Water			3		3	
MW-10	11/12/2020	1210	G	Water			3		3	
				Water						
				Water						
				Water						
				Water						
				Water						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Jean R Clay	11/13/2020 0700	STN		11-14-20 0829	JAPEN
	Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
	Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 0.2°C IR-9

Ver: 01/16/2019

ORIGIN ID:ALOA (319) 277-2401
SAMPLE RECIEVING-MEREDITH LIECHTI
EUROFINS TESTAMERICA-CEDAR FALLS
3017 VENTURE WAY

CEDAR FALLS, IA 50613
UNITED STATES US

SHIP DATE: 06NOV20
ACTWGT: 25.00 LB
CAD: 252293271/INET4280

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PENSACOLA
3355 MCLEMORE DRIVE

0.2°C

PENSACOLA FL 32514
(850) 474-1001 REF
INV
PO DEPT

IR9

RMA:

FedEx Express

RETURNS MON-SAT
PRIORITY OVERNIGHT

TRK# 0221 7911 0095 3818

32514

FL-US

FedEx Ship Manager - Print Your Label(s)

11/6/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-195889-1

Login Number: 195889 **List Source: Eurofins TestAmerica, Pensacola**

List Number: 1

Creator: Conrady, Hank W

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2°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.	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 <6mm (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 25487

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	7046
	Action Number: 25487
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 Groundwater Monitoring Report: Content satisfactory 1. Follow recommendations stated within 2020 Groundwater Monitoring Report. a. Continue groundwater monitoring events on a semi-annual basis b. Pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product will continue on a quarterly basis from monitoring wells where measurable free product is encountered c. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022	1/4/2022