

**2020 ANNUAL GROUNDWATER REPORT****Fields A#7A****Incident Number: nAUTOfAB000176****NMOCD Case#: 3RP-170-0****Meter Code: 89961****T32N, R11W, Sec 34, Unit E**

Review of 2020 ANNUAL  
GROUNDWATER REPORT: Content  
satisfactory

1. Continue to conduct semi-annual groundwater monitoring events in 2021, pursuant to the September 18, 2017 work plan
2. Continue pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product on a quarterly basis from monitoring well MW-8
3. Submit the 2021 Annual Report and include all activities completed and summarize the results. Report to be submitted no later than March 31, 2022

**SITE DETAILS****Site Location:** Latitude: 36.944245 N, Longitude: -107.982116 W**Land Type:** Federal**Operator:** Simcoe**SITE BACKGROUND**

Environmental Remediation activities at Fields A#7A (Site) are 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 (EPCGP's) program methods. Currently, the Site is operated by Simcoe LLC (Simcoe), and is active. According to NMOCD records, Simcoe assumed operation of the Site from BP America Production Company (BP), on February 28, 2020.

The Site is located on Federal land. An initial site assessment was completed in August 1994, and an excavation to approximately 12 feet below ground surface (bgs) was completed in September of 1994, removing approximately 70 cubic yards (cy) of soil. Monitoring wells MW-1, MW-2, MW-3 and MW-4 were installed in 1995. Temporary piezometers PZ-1 through PZ-5 were installed and removed in 1997. In 2016, monitoring wells MW-4R and MW-5 through MW-11 were installed, and monitoring wells MW-2 through MW-4 were abandoned. The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells, piezometers, soil borings, and current and historical site features is provided as Figure 2. Currently, groundwater sampling is conducted on a semi-annual basis pursuant to the September 18, 2017 *Groundwater Monitoring Plan*, approved by the NMOCD.

**GROUNDWATER SAMPLING ACTIVITIES**

Pursuant to the Remediation Plan, Stantec provided field work notifications via email to the NMOCD on May 5, 2020, and November 5, 2020, prior to initiating groundwater sampling activities at the Site. Copies of the 2020 NMOCD notifications are provided in Appendix A. On May 13 and November 14, 2020, water levels were gauged at MW-1, MW-4R, and MW-5 through MW-11. During both events, groundwater samples were collected from monitoring wells MW-1, MW-4R, MW-5, MW-7, MW-10 and MW-11 in accordance with the September 18, 2017 work plan. Free product was detected at MW-8 during both events; therefore, no groundwater samples were collected from this location. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event approximately 0.5 feet above termination depth of the monitoring wells using a suspension tether and stainless-steel weights to collect a groundwater sample from the screened interval.

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. One trip blank and one blind field duplicate were also collected during each sampling event. Each groundwater sample, field blank, and trip blank were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (EPA) Method 8260.

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

### FREE PRODUCT RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly free product recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of site activities is provided in Appendix A. Free product was observed in monitoring well MW-8 during the May and November 2020 semi-annual sampling events, and on August 18, 2020.

In May 2020, 0.48 feet of free product was measured, and 0.24 gallons were recovered by hand-bailing. In August 2020, 0.10 feet of free product was measured, and 0.08 gallons were recovered by hand-bailing. In November 2020, 0.04 feet of free product was measured, and <0.01 gallons were recovered by hand-bailing. During the groundwater sampling site visits, the recovered free product was disposed of with wastewater generated during the monitoring well sampling activities. Recovered free product from the August site visit was also transported for disposal at Basin (Appendix B).

### SUMMARY TABLES

Historic 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 maps (Figures 4 and 6) summarize results of the 2020 groundwater sampling and gauging events.

### ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix C.

### GROUNDWATER RESULTS

- The groundwater elevations indicate the flow direction at the Site was to the west-south west during 2020 (see Figures 4 and 6).
- Free product was observed at MW-8 during both groundwater sampling events in 2020; therefore, no groundwater samples were collected at this location.
- Groundwater samples collected in May and November 2020 from monitoring wells MW-1 and MW-7 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [ $\mu\text{g/L}$ ]) for benzene in groundwater. Benzene was either below the NMWQCC standard or not detected in the groundwater samples collected from other site wells in 2020.

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- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or not detected in each of the Site monitoring wells sampled in 2020.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or not detected in each of the Site monitoring wells sampled in 2020.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or not detected in each of the Site monitoring wells sampled in 2020.
- A field duplicate was collected from MW-4R for the May 2020 semi-annual monitoring event, and a field duplicate was collected from MW-1 for the November 2020 semi-annual monitoring event. No significant differences between primary and duplicate were noted.
- 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

EPCGP will continue to conduct semi-annual groundwater monitoring events in 2021, pursuant to the September 18, 2017 work plan. A field duplicate and trip blank will also be collected during each groundwater sampling event. The groundwater samples, field duplicate and trip blank will be analyzed for BTEX constituents using EPA Method 8260.

Pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product will continue on a quarterly basis from monitoring well MW-8.

The activities completed in 2021 and their results will be summarized in the 2020 Annual Report, to be submitted in early 2022.

EPCGP will await NMOCD receipt and review of information pertaining to the BP release at the site before determining what, if any, additional work may be required of EPCGP.

## **TABLES**

**TABLE 1 – GROUNDWATER ANALYTICAL RESULTS**

**TABLE 2 – GROUNDWATER ELEVATION RESULTS**

**TABLE 3 – FREE PRODUCT RECOVERY SUMMARY**

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-1	08/09/95	1950	1946	115	1361
MW-1	01/03/96	3150	5280	361	3460
MW-1	04/18/96	1300	2140	119	1240
MW-1	05/08/96	NS	NS	NS	NS
MW-1	07/29/96	503	804	28	363
MW-1	10/21/96	843	1300	26	422
MW-1	01/30/97	1300	2200	76.8	966
MW-1	04/21/97	951	1920	73	894
MW-1	01/30/01	NS	NS	NS	NS
MW-1	02/08/01	NS	NS	NS	NS
MW-1	02/16/01	NS	NS	NS	NS
MW-1	02/17/01	NS	NS	NS	NS
MW-1	02/26/01	NS	NS	NS	NS
MW-1	03/05/01	NS	NS	NS	NS
MW-1	04/11/01	NS	NS	NS	NS
MW-1	06/05/01	NS	NS	NS	NS
MW-1	06/15/01	NS	NS	NS	NS
MW-1	07/06/01	NS	NS	NS	NS
MW-1	07/13/01	NS	NS	NS	NS
MW-1	07/20/01	NS	NS	NS	NS
MW-1	08/01/01	NS	NS	NS	NS
MW-1	08/08/01	NS	NS	NS	NS
MW-1	08/18/01	NS	NS	NS	NS
MW-1	08/20/01	NS	NS	NS	NS
MW-1	09/05/01	NS	NS	NS	NS
MW-1	09/21/01	NS	NS	NS	NS
MW-1	09/26/01	NS	NS	NS	NS
MW-1	10/03/01	NS	NS	NS	NS
MW-1	10/10/01	NS	NS	NS	NS
MW-1	12/04/01	NS	NS	NS	NS
MW-1	12/13/01	NS	NS	NS	NS
MW-1	12/21/01	NS	NS	NS	NS
MW-1	12/28/01	NS	NS	NS	NS
MW-1	01/07/02	NS	NS	NS	NS
MW-1	01/23/02	NS	NS	NS	NS
MW-1	01/31/02	NS	NS	NS	NS
MW-1	02/07/02	NS	NS	NS	NS
MW-1	02/14/02	NS	NS	NS	NS
MW-1	02/20/02	NS	NS	NS	NS
MW-1	03/21/02	NS	NS	NS	NS
MW-1	03/28/02	NS	NS	NS	NS
MW-1	04/04/02	NS	NS	NS	NS

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Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-1	04/12/02	NS	NS	NS	NS
MW-1	04/19/02	NS	NS	NS	NS
MW-1	04/25/02	NS	NS	NS	NS
MW-1	05/03/02	NS	NS	NS	NS
MW-1	05/10/02	NS	NS	NS	NS
MW-1	05/17/02	NS	NS	NS	NS
MW-1	05/24/02	NS	NS	NS	NS
MW-1	05/31/02	NS	NS	NS	NS
MW-1	06/06/02	NS	NS	NS	NS
MW-1	06/14/02	NS	NS	NS	NS
MW-1	06/21/02	NS	NS	NS	NS
MW-1	06/27/02	NS	NS	NS	NS
MW-1	07/02/02	NS	NS	NS	NS
MW-1	07/11/02	NS	NS	NS	NS
MW-1	07/18/02	NS	NS	NS	NS
MW-1	08/21/02	NS	NS	NS	NS
MW-1	10/01/02	NS	NS	NS	NS
MW-1	01/15/03	NS	NS	NS	NS
MW-1	04/27/03	NS	NS	NS	NS
MW-1	07/16/03	NS	NS	NS	NS
MW-1	10/27/03	NS	NS	NS	NS
MW-1	01/26/04	121	54	15.8	216
MW-1	04/21/04	116	58.1	29.3	83.3
MW-1	07/27/04	NS	NS	NS	NS
MW-1	10/18/04	NS	NS	NS	NS
MW-1	01/25/05	NS	NS	NS	NS
MW-1	04/18/05	108	29	14.2	274
MW-1	10/22/05	180	69.2	6.3	154
MW-1	04/25/06	83.7	23.8	2.1 J	82.5
MW-1	10/24/06	254	108	4	169
MW-1	04/24/07	106	37.2	3.3	112
MW-1	10/29/07	NS	NS	NS	NS
MW-1	04/21/08	246	38.3	1.6 J	81.3
MW-1	10/09/08	NS	NS	NS	NS
MW-1	04/07/09	25.5	11	0.6 J	21.5
MW-1	11/04/09	NS	NS	NS	NS
MW-1	05/24/10	100	43.8	1.1 J	56.9
MW-1	11/02/10	NS	NS	NS	NS
MW-1	05/04/11	158	2.6	2.4	12.1
MW-1	11/01/11	NS	NS	NS	NS
MW-1	05/07/12	27.1	8.7	1.1	14.2
MW-1	06/07/13	910	110	14.0	170

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-1	09/12/13	130	13	3.1	29
MW-1	12/13/13	380	30	4.7	98
MW-1	04/05/14	66	11	<0.20	10
MW-1	10/21/14	93	3.8	2.1	23
MW-1	05/31/15	230	12	2.5	43
MW-1	11/22/15	440	8.6	2.7	34
MW-1	04/15/16	150	29	2.3	36
MW-1	10/14/16	22	<5.0	<1.0	<5.0
MW-1	06/06/17	410	43	5.5	68
MW-1	11/13/17	390	27	4.9	64
MW-1	05/17/18	570	14	7.9	69
MW-1	10/26/18	770	25	15.0	170
MW-1	05/23/19	380	14	5.9	77
MW-1	11/13/19	750	18	<10	120
MW-1	05/13/20	160	4.1	<1.0	16
MW-1	11/14/20	790	34	8.0	280
DP-01(MW-1)*	11/14/20	720	31	7.9	280
MW-2	01/03/96	28.8	<2.5	297.0	1169
MW-2	04/18/96	<1	<1	2.6	<3
MW-2	05/08/96	NS	NS	NS	NS
MW-2	07/29/96	<2	<2	<2	<6
MW-2	10/21/96	<1	<1	<1	<3
MW-2	01/30/97	<2	<2	<2	<6
MW-2	04/21/97	<1	<1	<1	<3
MW-2	04/13/01	<0.5	<0.5	<0.5	<0.5
MW-2	06/05/01	NS	NS	NS	NS
MW-2	07/20/01	NS	NS	NS	NS
MW-2	08/20/01	NS	NS	NS	NS
MW-2	05/17/02	NS	NS	NS	NS
MW-2	10/27/03	NS	NS	NS	NS
MW-2	04/21/04	NS	NS	NS	NS
MW-2	04/18/05	<1	<1	<1	<2
MW-2	04/21/08	<2	<2	<2	<6
MW-2	11/02/10	NS	NS	NS	NS
MW-2	05/04/11	0.38 J	<1	<1	<3
MW-2	11/01/11	NS	NS	NS	NS
MW-2	05/07/12	NS	NS	NS	NS
MW-2	06/07/13	NS	NS	NS	NS
MW-2	09/12/13	NS	NS	NS	NS
MW-2	12/13/13	NS	NS	NS	NS
MW-2	04/05/14	NS	NS	NS	NS

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Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-2	10/21/14	NS	NS	NS	NS
MW-2	05/31/15	NS	NS	NS	NS
MW-2	11/22/15	NS	NS	NS	NS
MW-2	04/15/16	NS	NS	NS	NS
MW-2 abandoned on August 22, 2016					
MW-3	01/03/96	176	16.4	225.0	1550
MW-3	04/18/96	129	<2	212.0	463
MW-3	05/08/96	NS	NS	NS	NS
MW-3	07/29/96	212	<2	167.0	393
MW-3	10/21/96	165	<1	157.0	467
MW-3	01/30/97	144	<1	198.0	851
MW-3	04/21/97	2070	4340	332.0	4730
MW-3	04/13/01	120	5.2	<5	80
MW-3	06/05/01	NS	NS	NS	NS
MW-3	07/20/01	NS	NS	NS	NS
MW-3	08/20/01	NS	NS	NS	NS
MW-3	04/02/02	NS	NS	NS	NS
MW-3	05/17/02	NS	NS	NS	NS
MW-3	01/25/05	NS	NS	NS	NS
MW-3	04/18/05	<1	<1	<1	<2
MW-3	10/22/05	NS	NS	NS	NS
MW-3	04/25/06	46.4	<5	<5	<10
MW-3	10/24/06	NS	NS	NS	NS
MW-3	04/24/07	179	<5	12.3	37.9
MW-3	10/29/07	NS	NS	NS	NS
MW-3	04/21/08	140	2.5	2.7	16.9
MW-3	10/09/08	NS	NS	NS	NS
MW-3	04/07/09	182	<50	<50	<100
MW-3	11/04/09	NS	NS	NS	NS
MW-3	05/24/10	NS	NS	NS	NS
MW-3	11/02/10	NS	NS	NS	NS
MW-3	05/04/11	5.7	<1	0.42 J	<3
MW-3	11/01/11	NS	NS	NS	NS
MW-3	05/07/12	14.6	<1	0.3 J	2.5 J
MW-3	06/07/13	NS	NS	NS	NS
MW-3	09/12/13	NS	NS	NS	NS
MW-3	12/13/13	NS	NS	NS	NS
MW-3	04/05/14	NS	NS	NS	NS
MW-3	10/21/14	NS	NS	NS	NS
MW-3	05/31/15	NS	NS	NS	NS
MW-3	11/22/15	NS	NS	NS	NS

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Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-3	04/15/16	NS	NS	NS	NS
MW-3 abandoned on August 22, 2016					
MW-4	01/03/96	2470	1880	206.0	2350
MW-4	04/18/96	4760	2460	235.0	1880
MW-4	01/00/00	NS	NS	NS	NS
MW-4	07/29/96	1830	2380	106.0	967
MW-4	10/21/96	3320	4520	149.0	1680
MW-4	01/30/97	4320	7420	280.0	3250
MW-4	04/21/97	2410	5170	219.0	2530
MW-4	06/05/01	NS	NS	NS	NS
MW-4	06/15/01	NS	NS	NS	NS
MW-4	07/06/01	NS	NS	NS	NS
MW-4	07/13/01	NS	NS	NS	NS
MW-4	07/20/01	NS	NS	NS	NS
MW-4	08/01/01	NS	NS	NS	NS
MW-4	08/08/01	NS	NS	NS	NS
MW-4	08/16/01	NS	NS	NS	NS
MW-4	08/20/01	NS	NS	NS	NS
MW-4	09/05/01	NS	NS	NS	NS
MW-4	09/21/01	NS	NS	NS	NS
MW-4	09/26/01	NS	NS	NS	NS
MW-4	10/03/01	NS	NS	NS	NS
MW-4	10/10/01	NS	NS	NS	NS
MW-4	12/04/01	NS	NS	NS	NS
MW-4	12/13/01	NS	NS	NS	NS
MW-4	12/21/01	NS	NS	NS	NS
MW-4	12/28/01	NS	NS	NS	NS
MW-4	01/07/02	NS	NS	NS	NS
MW-4	01/23/02	NS	NS	NS	NS
MW-4	01/31/02	NS	NS	NS	NS
MW-4	02/07/02	NS	NS	NS	NS
MW-4	02/14/02	NS	NS	NS	NS
MW-4	02/20/02	NS	NS	NS	NS
MW-4	03/21/02	NS	NS	NS	NS
MW-4	04/04/02	NS	NS	NS	NS
MW-4	05/17/02	NS	NS	NS	NS
MW-4	05/24/02	NS	NS	NS	NS
MW-4	05/31/02	NS	NS	NS	NS
MW-4	06/06/02	NS	NS	NS	NS
MW-4	06/14/02	NS	NS	NS	NS
MW-4	07/18/02	NS	NS	NS	NS

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Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-4	10/01/02	NS	NS	NS	NS
MW-4	01/15/03	NS	NS	NS	NS
MW-4	01/26/04	NS	NS	NS	NS
MW-4	04/21/04	NS	NS	NS	NS
MW-4	07/27/04	NS	NS	NS	NS
MW-4	10/18/04	NS	NS	NS	NS
MW-4	01/25/05	NS	NS	NS	NS
MW-4	04/18/05	NS	NS	NS	NS
MW-4	04/21/08	1580	679	6.8 J	3900
MW-4	10/09/08	NS	NS	NS	NS
MW-4	04/07/09	695	206	<50	745
MW-4	11/04/09	NS	NS	NS	NS
MW-4	05/24/10	NS	NS	NS	NS
MW-4	11/02/10	NS	NS	NS	NS
MW-4	05/04/11	NS	NS	NS	NS
MW-4	11/01/11	533	207	<10	419
MW-4	05/07/12	NS	NS	NS	NS
MW-4	06/07/13	NS	NS	NS	NS
MW-4	09/12/13	NS	NS	NS	NS
MW-4	12/13/13	NS	NS	NS	NS
MW-4	04/05/14	NS	NS	NS	NS
MW-4	10/21/14	NS	NS	NS	NS
MW-4	05/31/15	NS	NS	NS	NS
MW-4	11/22/15	NS	NS	NS	NS
MW-4	04/15/16	NS	NS	NS	NS
MW-4 replaced with MW-4R on August 21, 2016					
MW-4R	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-4R	06/06/17	50	<5.0	2.1	<5.0
MW-4R	11/13/17	53	<1.0	3.4	<10
MW-4R	05/17/18	7.9	<1.0	<1.0	<10
DP-01(MW-4R)*	05/17/18	12	<1.0	<1.0	<10
MW-4R	10/26/18	<1.0	<1.0	<1.0	<10
MW-4R	05/23/19	<1.0	<1.0	<1.0	<10
MW-4R	11/13/19	5.3	<1.0	<1.0	<2.0
MW-4R	05/13/20	<1.0	<1.0	<1.0	<10
DP-01(MW-4R)*	05/13/20	<1.0	<1.0	<1.0	<10
MW-4R	11/14/20	4.3	<1.0	<1.0	<10
MW-5	10/14/16	130	6.4	19.0	57
MW-5	06/06/17	78	<5.0	<1.0	<5.0
MW-5	11/13/17	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMW/QCC Standards:		10	750	750	620
MW-5	05/17/18	NS	NS	NS	NS
MW-5	10/26/18	NS	NS	NS	NS
MW-5	05/23/19	15	<1.0	<1.0	<10
MW-5	11/13/19	NS	NS	NS	NS
MW-5	05/13/20	8	<1.0	<1.0	<10
MW-5	11/14/20	<1.0	<1.0	<1.0	<10
MW-6	10/14/16	2100	880	490	2300
MW-6	06/06/17	1400	130	340	610
MW-6	11/13/17	NS	NS	NS	NS
MW-6	05/17/18	NS	NS	NS	NS
MW-6	10/26/18	NS	NS	NS	NS
MW-6	05/23/19	35	<1.0	6.4	55
MW-6	11/13/19	NS	NS	NS	NS
MW-6	05/13/20	NS	NS	NS	NS
MW-6	11/14/20	NS	NS	NS	NS
MW-7	10/14/16	410	340	31.0	270
MW-7	06/06/17	12	<5.0	<1.0	<5.0
MW-7	11/13/17	30	12	<1.0	15
MW-7	05/17/18	98	11	<1.0	22
MW-7	10/26/18	120	87	1.9	120
MW-7	05/23/19	150	39	<1.0	100
DUP-1(MW-7)*	05/23/19	150	39	1.0	110
MW-7	11/13/19	13	1.3	<1.0	4.8
DUP-1(MW-7)*	11/13/19	9.5	<2.0	<2.0	<4.0
MW-7	05/13/20	44	18	<1.0	28
MW-7	11/14/20	23	11	<1.0	19
MW-8	10/14/16	2.2	<5.0	<1.0	<5.0
MW-8	06/06/17	12	<5.0	<1.0	8.5
MW-8	11/13/17	100	<1.0	<1.0	16
MW-8	05/17/18	120	2.4	<1.0	11
MW-8	10/26/18	2	2.1	<1.0	<10
DUP-01(MW-8)*	10/26/18	6.3	8.3	<1.0	17
MW-8	05/23/19	NS	NS	NS	NS
MW-8	11/13/19	NS	NS	NS	NS
MW-8	05/13/20	NS	NS	NS	NS
MW-8	08/18/20	NS	NS	NS	NS
MW-8	11/14/20	NS	NS	NS	NS
MW-9	10/14/16	12	8.1	4.6	34

**TABLE 1 - GROUNDWATER ANALYTICAL RESULTS**

<b>Fields A#7A</b>					
<b>Location</b>	<b>Date</b>	<b>Benzene (µg/L)</b>	<b>Toluene (µg/L)</b>	<b>Ethylbenzene (µg/L)</b>	<b>Total Xylenes (µg/L)</b>
NMWQCC Standards:		10	750	750	620
MW-9	06/06/17	1.7	<5.0	<1.0	<5.0
MW-9	11/13/17	NS	NS	NS	NS
MW-9	05/17/18	NS	NS	NS	NS
MW-9	10/26/18	NS	NS	NS	NS
MW-9	05/23/19	1	<1.0	<1.0	<10
MW-9	11/13/19	NS	NS	NS	NS
MW-9	05/13/20	NS	NS	NS	NS
MW-9	11/14/20	NS	NS	NS	NS
MW-10	10/14/16	26	32	4.6	41
MW-10	06/06/17	<1.0	<5.0	<1.0	<5.0
MW-10	11/13/17	1.4	<1.0	<1.0	<10
MW-10	05/17/18	3.4	4.6	<1.0	<10
MW-10	10/26/18	<1.0	<1.0	<1.0	<10
MW-10	05/23/19	3.1	1	<1.0	<10
MW-10	11/13/19	<1.0	<1.0	<1.0	<2.0
MW-10	05/13/20	2.9	1.3	<1.0	<2.0
MW-10	11/14/20	2.6	2.6	<1.0	<10
MW-11	10/14/16	<1.0	<5.0	1.3	9.7
MW-11	06/06/17	<1.0	<5.0	<1.0	<5.0
MW-11	11/13/17	NS	NS	NS	NS
MW-11	05/17/18	NS	NS	NS	NS
MW-11	10/26/18	NS	NS	NS	NS
MW-11	05/23/19	<1.0	<1.0	<1.0	<10
MW-11	11/13/19	NS	NS	NS	NS
MW-11	05/13/20	NS	NS	NS	NS
MW-11	11/14/20	NS	NS	NS	NS

**Notes:**

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

µg/L = micrograms per liter

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

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

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

\*Field Duplicate (DUP) results presented immediately below primary sample result

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-1	08/09/95	6085.98	NR	22.50		6063.48
MW-1	01/03/96	6085.98	NR	23.28		6062.70
MW-1	04/18/96	6085.98	NR	24.20		6061.78
MW-1	05/08/96	6085.98	NR	24.20		6061.78
MW-1	07/29/96	6085.98	25.02	25.07	0.05	6060.95
MW-1	10/21/96	6085.98	25.38	25.45	0.07	6060.59
MW-1	01/30/97	6085.98	26.57	26.83	0.26	6059.35
MW-1	04/21/97	6085.98	26.44	26.47	0.03	6059.54
MW-1	01/30/01	6085.98	28.74	30.08	1.34	6056.91
MW-1	02/08/01	6085.98	28.65	29.85	1.20	6057.03
MW-1	02/16/01	6085.98	29.08	30.20	1.12	6056.62
MW-1	02/17/01	6085.98	29.08	29.66	0.58	6056.76
MW-1	02/26/01	6085.98	29.39	29.54	0.15	6056.56
MW-1	03/05/01	6085.98	29.25	29.28	0.03	6056.73
MW-1	04/11/01	6085.98	NR	29.33		6056.65
MW-1	06/05/01	6085.98	29.34	29.46	0.12	6056.61
MW-1	06/15/01	6085.98	29.57	29.65	0.08	6056.39
MW-1	07/06/01	6085.98	NR	30.00		6055.98
MW-1	07/13/01	6085.98	NR	29.96		6056.02
MW-1	07/20/01	6085.98	NR	29.69		6056.29
MW-1	08/01/01	6085.98	NR	30.19		6055.79
MW-1	08/08/01	6085.98	NR	30.12		6055.86
MW-1	08/18/01	6085.98	NR	30.44		6055.54
MW-1	08/20/01	6085.98	NR	30.32		6055.66
MW-1	09/05/01	6085.98	NR	30.38		6055.60
MW-1	09/21/01	6085.98	NR	30.63		6055.35
MW-1	09/26/01	6085.98	NR	30.78		6055.20
MW-1	10/03/01	6085.98	NR	30.69		6055.29
MW-1	10/10/01	6085.98	30.32	30.33	0.01	6055.66
MW-1	12/04/01	6085.98	NR	30.51		6055.47
MW-1	12/13/01	6085.98	29.42	29.43	0.01	6056.56
MW-1	12/21/01	6085.98	30.39	30.40	0.01	6055.59
MW-1	12/28/01	6085.98	NR	30.64		6055.34
MW-1	01/07/02	6085.98	30.58	30.59	0.01	6055.40
MW-1	01/23/02	6085.98	30.40	30.41	0.01	6055.58
MW-1	01/31/02	6085.98	30.94	30.95	0.01	6055.04
MW-1	02/07/02	6085.98	31.11	31.12	0.01	6054.87
MW-1	02/14/02	6085.98	31.17	31.18	0.01	6054.81
MW-1	02/20/02	6085.98	31.14	31.15	0.01	6054.84
MW-1	03/21/02	6085.98	30.78	30.80	0.02	6055.20
MW-1	03/28/02	6085.98	NR	30.92		6055.06
MW-1	04/04/02	6085.98	NR	30.64		6055.34
MW-1	04/12/02	6085.98	NR	31.45		6054.53
MW-1	04/19/02	6085.98	NR	31.56		6054.42
MW-1	04/25/02	6085.98	NR	31.54		6054.44
MW-1	05/03/02	6085.98	NR	31.51		6054.47
MW-1	05/10/02	6085.98	NR	31.59		6054.39
MW-1	05/17/02	6085.98	NR	31.16		6054.82

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-1	05/24/02	6085.98	NR	31.38		6054.60
MW-1	05/31/02	6085.98	NR	31.23		6054.75
MW-1	06/06/02	6085.98	NR	31.32		6054.66
MW-1	06/14/02	6085.98	NR	31.34		6054.64
MW-1	06/21/02	6085.98	NR	31.67		6054.31
MW-1	06/27/02	6085.98	NR	31.81		6054.17
MW-1	07/02/02	6085.98	NR	31.82		6054.16
MW-1	07/11/02	6085.98	NR	31.84		6054.14
MW-1	07/18/02	6085.98	NR	31.45		6054.53
MW-1	08/21/02	6085.98	NR	32.12		6053.86
MW-1	10/01/02	6085.98	NR	31.77		6054.21
MW-1	01/15/03	6085.98	ND	31.90		6054.08
MW-1	04/27/03	6085.98	31.06	31.07	0.01	6054.92
MW-1	07/16/03	6085.98	ND	31.30		6054.69
MW-1	10/27/03	6085.98	ND	30.97		6055.01
MW-1	01/26/04	6085.98	ND	30.67		6055.31
MW-1	04/21/04	6085.98	ND	30.83		6055.15
MW-1	07/27/04	6085.98	ND	30.97		6055.01
MW-1	10/18/04	6085.98	ND	31.15		6054.83
MW-1	01/25/05	6085.98	ND	30.19		6055.79
MW-1	04/18/05	6085.98	ND	30.19		6055.79
MW-1	10/22/05	6085.98	ND	30.74		6055.24
MW-1	04/25/06	6085.98	ND	31.41		6054.57
MW-1	10/24/06	6085.98	ND	31.39		6054.59
MW-1	04/24/07	6085.98	ND	31.66		6054.32
MW-1	10/29/07	6085.98	ND	31.73		6054.25
MW-1	04/21/08	6085.98	ND	30.31		6055.67
MW-1	10/09/08	6085.98	ND	30.69		6055.29
MW-1	04/07/09	6085.98	ND	31.24		6054.74
MW-1	11/04/09	6085.98	ND	31.77		6054.21
MW-1	05/24/10	6085.98	ND	31.33		6054.65
MW-1	11/02/10	6085.98	ND	29.93		6056.05
MW-1	05/04/11	6085.98	ND	29.91		6056.07
MW-1	11/01/11	6085.98	ND	29.80		6056.18
MW-1	05/07/12	6085.98	ND	30.29		6055.69
MW-1	06/07/13	6085.98	ND	31.41		6054.57
MW-1	09/12/13	6085.98	ND	31.55		6054.43
MW-1	12/13/13	6085.98	ND	31.09		6054.89
MW-1	04/05/14	6085.98	ND	31.24		6054.74
MW-1	10/21/14	6085.98	ND	31.65		6054.33
MW-1	05/31/15	6085.98	ND	31.82		6054.16
MW-1	11/22/15	6085.98	ND	31.27		6054.71
MW-1	04/15/16	6085.98	ND	30.87		6055.11
MW-1	10/14/16	6085.98	ND	30.96		6055.02
MW-1	06/06/17	6085.98	ND	30.56		6055.42
MW-1	11/13/17	6085.98	ND	30.71		6055.27
MW-1	05/17/18	6085.98	ND	31.37		6054.61
MW-1	10/26/18	6085.98	ND	31.80		6054.18

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-1	05/23/19	6085.98	ND	31.39		6054.59
MW-1	11/13/19	6085.98	ND	32.00		6053.98
MW-1	05/13/20	6085.98	ND	32.20		6053.78
MW-1	11/14/20	6085.98	ND	32.42		6053.56
MW-2	01/03/96	6084.24	NR	24.27		6059.97
MW-2	04/18/96	6084.24	NR	25.53		6058.71
MW-2	05/08/96	6084.24	NR	25.53		6058.71
MW-2	07/29/96	6084.24	NR	26.48		6057.76
MW-2	10/21/96	6084.24	NR	26.96		6057.28
MW-2	01/30/97	6084.24	NR	27.73		6056.51
MW-2	04/21/97	6084.24	NR	27.77		6056.47
MW-2	04/13/01	6084.24	NR	30.33		6053.91
MW-2	06/05/01	6084.24	NR	30.71		6053.53
MW-2	07/20/01	6084.24	NR	30.95		6053.29
MW-2	08/20/01	6084.24	NR	31.03		6053.21
MW-2	05/17/02	6084.24	NR	31.38		6052.86
MW-2	10/27/03	6084.24	NR	31.79		6052.46
MW-2	04/21/04	6084.24	ND	31.10		6053.14
MW-2	04/18/05	6084.24	ND	30.98		6053.26
MW-2	04/21/08	6084.24	ND	30.66		6053.58
MW-2	11/02/10	6084.24	ND	29.65		6054.59
MW-2	05/04/11	6084.24	ND	31.10		6053.14
MW-2	11/01/11	6084.24	ND	31.42		6052.82
MW-2	05/07/12	6084.24	ND	31.29		6052.95
MW-2	06/07/13	6084.24	ND	DRY		DRY
MW-2	09/12/13	6084.24	ND	DRY		DRY
MW-2	12/13/13	6084.24	ND	DRY		DRY
MW-2	04/05/14	6084.24	ND	DRY		DRY
MW-2	10/21/14	6084.24	ND	DRY		DRY
MW-2	05/31/15	6084.24	ND	DRY		DRY
MW-2	11/22/15	6084.24	ND	DRY		DRY
MW-2	04/15/16	6084.24	ND	DRY		DRY
MW-2 abandoned on August 22, 2016						
MW-3	01/03/96	6084.06	NR	24.88		6059.18
MW-3	04/18/96	6084.06	NR	25.75		6058.31
MW-3	05/08/96	6084.06	NR	25.75		6058.31
MW-3	07/29/96	6084.06	NR	26.64		6057.42
MW-3	10/21/96	6084.06	NR	27.16		6056.90
MW-3	01/30/97	6084.06	NR	27.92		6056.14
MW-3	04/21/97	6084.06	NR	28.00		6056.06
MW-3	04/13/01	6084.06	NR	30.48		6053.58
MW-3	06/05/01	6084.06	NR	30.79		6053.27
MW-3	07/20/01	6084.06	NR	31.03		6053.03
MW-3	08/20/01	6084.06	NR	31.14		6052.92
MW-3	04/02/02	6084.06	NR	31.62		6052.44
MW-3	05/17/02	6084.06	NR	32.05		6052.01

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-3	01/25/05	6084.06	ND	31.93		6052.14
MW-3	04/18/05	6084.06	ND	30.77		6053.29
MW-3	10/22/05	6084.06	ND	31.57		6052.49
MW-3	04/25/06	6084.06	ND	31.61		6052.45
MW-3	10/24/06	6084.06	ND	31.90		6052.16
MW-3	04/24/07	6084.06	ND	31.90		6052.16
MW-3	10/29/07	6084.06	ND	31.93		6052.13
MW-3	04/21/08	6084.06	ND	30.40		6053.66
MW-3	10/09/08	6084.06	ND	31.56		6052.50
MW-3	04/07/09	6084.06	ND	31.40		6052.66
MW-3	11/04/09	6084.06	ND	31.97		6052.09
MW-3	05/24/10	6084.06	ND	31.87		6052.19
MW-3	11/02/10	6084.06	ND	29.83		6054.23
MW-3	05/04/11	6084.06	ND	30.71		6053.35
MW-3	11/01/11	6084.06	ND	31.08		6052.98
MW-3	05/07/12	6084.06	ND	31.57		6052.49
MW-3	06/07/13	6084.06	ND	DRY		DRY
MW-3	09/12/13	6084.06	ND	DRY		DRY
MW-3	12/13/13	6084.06	ND	DRY		DRY
MW-3	04/05/14	6084.06	ND	DRY		DRY
MW-3	10/21/14	6084.06	ND	DRY		DRY
MW-3	05/31/15	6084.06	ND	DRY		DRY
MW-3	11/22/15	6084.06	ND	DRY		DRY
MW-3	04/15/16	6084.06	ND	DRY		DRY
MW-3 abandoned on August 22, 2016						
MW-4	01/03/96	6084.61	NR	25.69		6058.92
MW-4	04/18/96	6084.61	NR	26.42		6058.19
MW-4	01/00/00	6084.61	25.83	26.42	0.59	6058.64
MW-4	07/29/96	6084.61	26.82	28.65	1.83	6057.34
MW-4	10/21/96	6084.61	27.45	28.84	1.39	6056.82
MW-4	01/30/97	6084.61	28.43	28.85	0.42	6056.08
MW-4	04/21/97	6084.61	28.58	28.68	0.10	6056.01
MW-4	06/05/01	6084.61	31.01	31.25	0.24	6053.54
MW-4	06/15/01	6084.61	31.12	31.56	0.44	6053.38
MW-4	07/06/01	6084.61	31.20	DRY		DRY
MW-4	07/13/01	6084.61	31.44	DRY		DRY
MW-4	07/20/01	6084.61	31.51	DRY		DRY
MW-4	08/01/01	6084.61	31.54	DRY		DRY
MW-4	08/08/01	6084.61	NR	DRY		DRY
MW-4	08/16/01	6084.61	NR	DRY		DRY
MW-4	08/20/01	6084.61	NR	DRY		DRY
MW-4	09/05/01	6084.61	NR	DRY		DRY
MW-4	09/21/01	6084.61	NR	DRY		DRY
MW-4	09/26/01	6084.61	NR	DRY		DRY
MW-4	10/03/01	6084.61	NR	DRY		DRY
MW-4	10/10/01	6084.61	NR	DRY		DRY
MW-4	12/04/01	6084.61	NR	DRY		DRY

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-4	12/13/01	6084.61	31.65	DRY		DRY
MW-4	12/21/01	6084.61	31.61	DRY		DRY
MW-4	12/28/01	6084.61	NR	31.61		6053.00
MW-4	01/07/02	6084.61	31.61	DRY		DRY
MW-4	01/23/02	6084.61	31.62	DRY		DRY
MW-4	01/31/02	6084.61	31.61	DRY		DRY
MW-4	02/07/02	6084.61	31.60	DRY		DRY
MW-4	02/14/02	6084.61	31.62	DRY		DRY
MW-4	02/20/02	6084.61	31.62	DRY		DRY
MW-4	03/21/02	6084.61	NR	DRY		DRY
MW-4	04/04/02	6084.61	NR	DRY		DRY
MW-4	05/17/02	6084.61	NR	DRY		DRY
MW-4	05/24/02	6084.61	NR	DRY		DRY
MW-4	05/31/02	6084.61	NR	DRY		DRY
MW-4	06/06/02	6084.61	NR	DRY		DRY
MW-4	06/14/02	6084.61	NR	DRY		DRY
MW-4	07/18/02	6084.61	NR	DRY		DRY
MW-4	10/01/02	6084.61	NR	DRY		DRY
MW-4	01/15/03	6084.61	ND	DRY		DRY
MW-4	01/26/04	6084.61	ND	DRY		DRY
MW-4	04/21/04	6084.61	ND	DRY		DRY
MW-4	07/27/04	6084.61	ND	DRY		DRY
MW-4	10/18/04	6084.61	ND	DRY		DRY
MW-4	01/25/05	6084.61	ND	DRY		DRY
MW-4	04/18/05	6084.61	ND	DRY		DRY
MW-4	04/21/08	6084.61	ND	31.22		6053.39
MW-4	10/09/08	6084.61	ND	31.40		6053.21
MW-4	04/07/09	6084.61	ND	31.40		6053.21
MW-4	11/04/09	6084.61	ND	31.58		6053.03
MW-4	05/24/10	6084.61	ND	31.47		6053.14
MW-4	11/02/10	6084.61	ND	30.60		6054.01
MW-4	05/04/11	6084.61	ND	31.05		6053.56
MW-4	11/01/11	6084.61	ND	31.05		6053.56
MW-4	05/07/12	6084.61	ND	31.47		6053.14
MW-4	06/07/13	6084.61	ND	31.42		6053.19
MW-4	09/12/13	6084.61	ND	DRY		DRY
MW-4	12/13/13	6084.61	ND	DRY		DRY
MW-4	04/05/14	6084.61	ND	DRY		DRY
MW-4	10/21/14	6084.61	ND	DRY		DRY
MW-4	05/31/15	6084.61	ND	DRY		DRY
MW-4	11/22/15	6084.61	ND	DRY		DRY
MW-4	04/15/16	6084.61	ND	DRY		DRY
MW-4 replaced with MW-4R on August 21, 2016						
MW-4R	10/14/16	6084.43	ND	32.53		6051.90
MW-4R	06/06/17	6084.43	ND	32.13		6052.30
MW-4R	11/13/17	6084.43	ND	32.39		6052.04
MW-4R	05/17/18	6084.43	ND	33.48		6050.95

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-4R	10/26/18	6084.43	ND	33.93		6050.50
MW-4R	05/23/19	6084.43	ND	32.99		6051.44
MW-4R	11/13/19	6084.43	ND	34.03		6050.40
MW-4R	05/13/20	6084.43	ND	34.33		6050.10
MW-4R	11/14/20	6084.43	ND	34.63		6049.80
MW-5	10/14/16	6081.99	ND	28.08		6053.91
MW-5	06/06/17	6081.99	ND	27.70		6054.29
MW-5	11/13/17	6081.99	ND	27.89		6054.10
MW-5	05/17/18	6081.99	ND	28.65		6053.34
MW-5	10/26/18	6081.99	ND	29.09		6052.90
MW-5	05/23/19	6081.99	ND	28.50		6053.49
MW-5	11/13/19	6081.99	ND	29.33		6052.66
MW-5	05/13/20	6081.99	ND	29.30		6052.69
MW-5	11/14/20	6081.99	ND	29.72		6052.27
MW-6	10/14/16	6081.99	ND	29.78		6052.21
MW-6	06/06/17	6081.99	ND	29.37		6052.62
MW-6	11/13/17	6081.99	ND	29.63		6052.36
MW-6	05/17/18	6081.99	ND	30.64		6051.35
MW-6	10/26/18	6081.99	ND	31.09		6050.90
MW-6	05/23/19	6081.99	ND	30.24		6051.75
MW-6	11/13/19	6081.99	ND	31.28		6050.71
MW-6	05/13/20	6081.99	ND	31.35		6050.64
MW-6	11/14/20	6081.99	ND	31.62		6050.37
MW-7	10/14/16	6082.19	ND	27.46		6054.73
MW-7	06/06/17	6082.19	ND	27.13		6055.06
MW-7	11/13/17	6082.19	ND	27.31		6054.88
MW-7	05/17/18	6082.19	ND	28.04		6054.15
MW-7	10/26/18	6082.19	ND	28.47		6053.72
MW-7	05/23/19	6082.19	ND	27.98		6054.21
MW-7	11/13/19	6082.19	ND	28.65		6053.54
MW-7	05/13/20	6082.19	ND	28.89		6053.30
MW-7	11/14/20	6082.19	ND	29.12		6053.07
MW-8	10/14/16	6082.28	ND	27.80		6054.48
MW-8	06/06/17	6082.28	ND	27.41		6054.87
MW-8	11/13/17	6082.28	ND	27.58		6054.70
MW-8	05/17/18	6082.28	28.34	28.34	<0.01	6053.94
MW-8	10/26/18	6082.28	28.78	28.78	<0.01	6053.50
MW-8	05/23/19	6082.28	28.19	28.65	0.46	6053.98
MW-8	11/13/19	6082.28	28.41	28.79	0.38	6053.78
MW-8	05/13/20	6082.28	29.03	29.51	0.48	6053.13
MW-8	08/18/20	6082.28	29.16	29.26	0.10	6053.10
MW-8	11/14/20	6082.28	29.28	29.32	0.04	6052.99
MW-9	10/14/16	6082.35	ND	27.37		6054.98

**TABLE 2 - GROUNDWATER ELEVATION RESULTS**

<b>Fields A#7A</b>						
<b>Location</b>	<b>Date</b>	<b>TOC</b>	<b>Depth to LNAPL (ft.)</b>	<b>Depth to Water (ft.)</b>	<b>LNAPL Thickness (ft.)</b>	<b>GW Elevation (ft.)</b>
MW-9	06/06/17	6082.35	ND	26.98		6055.37
MW-9	11/13/17	6082.35	ND	27.12		6055.23
MW-9	05/17/18	6082.35	ND	27.79		6054.56
MW-9	10/26/18	6082.35	ND	28.22		6054.13
MW-9	05/23/19	6082.35	ND	27.78		6054.57
MW-9	11/13/19	6082.35	ND	28.40		6053.95
MW-9	05/13/20	6082.35	ND	28.63		6053.72
MW-9	11/14/20	6082.35	ND	28.83		6053.52
MW-10	10/14/16	6086.17	ND	31.16		6055.01
MW-10	06/06/17	6086.17	ND	30.79		6055.38
MW-10	11/13/17	6086.17	ND	30.90		6055.27
MW-10	05/17/18	6086.17	ND	31.57		6054.60
MW-10	10/26/18	6086.17	ND	32.00		6054.17
MW-10	05/23/19	6086.17	ND	31.55		6054.62
MW-10	11/13/19	6086.17	ND	32.15		6054.02
MW-10	05/13/20	6086.17	ND	32.37		6053.80
MW-10	11/14/20	6086.17	ND	32.60		6053.57
MW-11	10/14/16	6085.79	ND	30.47		6055.32
MW-11	06/06/17	6085.79	ND	30.22		6055.57
MW-11	11/13/17	6085.79	ND	30.31		6055.48
MW-11	05/17/18	6085.79	ND	30.88		6054.91
MW-11	10/26/18	6085.79	ND	31.31		6054.48
MW-11	05/23/19	6085.79	ND	30.95		6054.84
MW-11	11/13/19	6085.79	ND	31.47		6054.32
MW-11	05/13/20	6085.79	ND	32.67		6053.12
MW-11	11/14/20	6085.79	ND	31.90		6053.89

Notes:

"ft" = feet

"TOC" = Top of Casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

"DRY" = No water detected

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

Fields A#7A						
Well ID - MW-8	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
5/17/2018	28.34	28.34	<0.01	<0.01	NR	manual
11/26/2018	28.78	28.78	<0.01	<0.01	0.01	manual
5/23/2019	28.19	28.65	0.46	0.07	NR	manual
11/13/2019	28.41	28.79	0.38	0.10	0.01	manual
5/13/2020	29.03	29.51	0.48	0.24	0.17	manual
8/18/2020	29.16	29.26	0.10	0.08	0.25	manual
11/14/2020	29.28	29.32	0.04	<0.01	0.14	manual
			<b>Total:</b>	0.49	0.58	

Notes:

NR = Not Recorded.

gal = gallons

Product recovery data for 2003 and previous years documented in previously-submitted reports.

## FIGURES

FIGURE 1: SITE LOCATION

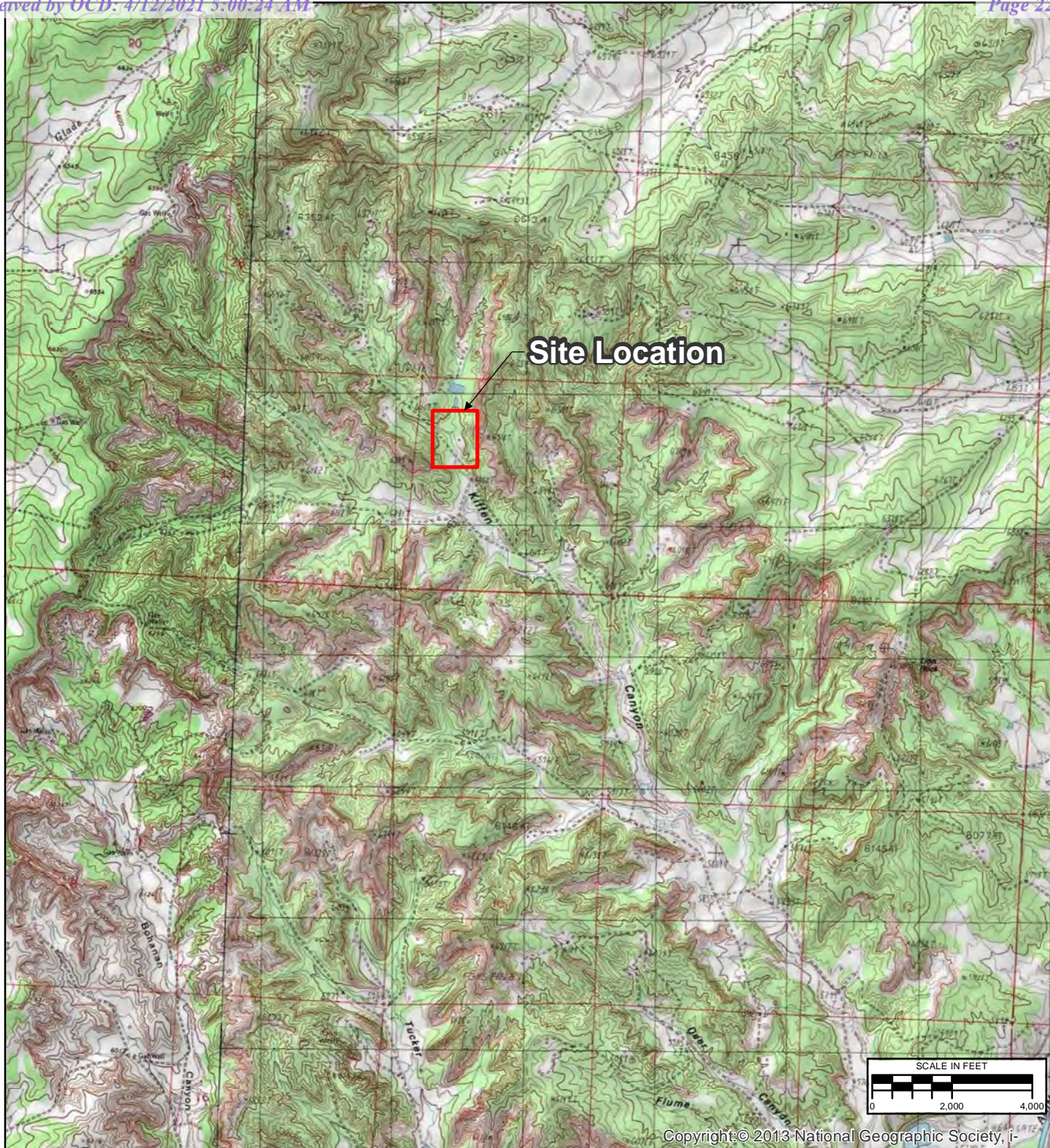
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS MAY 13, 2020


FIGURE 4: GROUNDWATER ELEVATION MAP MAY 13, 2020

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS NOVEMBER 14, 2020

FIGURE 6: GROUNDWATER ELEVATION MAP NOVEMBER 14, 2020



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/16/2021	SAH	SAH	SAH

TITLE <b>SITE LOCATION</b>		
PROJECT <b>FIELDS A#7A SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO</b>	FIGURE <b>1</b>	

\\Us0389-ppfss01\shared\_projects\193710238\07\_historical\SJRB GENERAL\GIS-NEW\_MXD\FIELDS A#7\2020 MAPS\Fields\_A#7\_SITEMAP\_2020.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATED 11-17-2013

# LEGEND:

6082

APPROX. GROUND SURFACE  
CONTOUR AND ELEVATION, FEET

ACCESS ROAD

SMA BENCHMARK

MONITORING WELL

SOIL BORING

ABANDONED MONITORING WELL

BP/SIMCOE MONITORING WELLS

BP SOIL BORINGS

WELLHEAD

FORMER PIEZOMETER (1997)

UNKNOWN LINE

UNKNOWN LINE

UNDERGROUND ELECTRIC

UNDERGROUND ELECTRIC

PIPELINE

PIPELINE

COMMUNICATION

COMMUNICATION

BLM RIGHT OF WAY BOUNDARY

BLM RIGHT OF WAY BOUNDARY

HISTORICAL FEATURE

HISTORICAL FEATURE

NOTES:

UTILITY LOCATIONS ARE APPROXIMATE

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	12/28/2021	SLG	SLG	SV

TITLE:

SITE PLAN

PROJECT:

FIELDS A#7A  
SAN JUAN RIVER BASIN  
SAN JUAN COUNTY, NEW MEXICO

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Figure No.:  
2

\\Us0389-ppfss01\shared\_projects\193710238\07\_historical\SJRB GENERAL\GIS-NEW\_MXD\FIELDS A#7\2020 MAPS\Fields\_A#7\_GARM\_1SA\_2020.mxd



\\Us0389-ppfss01\shared\_projects\193710238\07\_historical\SJRB GENERAL\GIS-NEW\MXDs\FIELDS A#7\2020 MAPS\Fields\_A#7\_GECM\_1SA\_2020.mxd



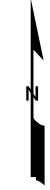
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 4/6/2019

## LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UNKNOWN LINE
- UNDERGROUND ELECTRIC
- PIPELINE
- COMMUNICATION
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- ABANDONED MONITORING WELL
- BP/SIMCOE MONITORING WELLS
- BP PASSIVE VENT WELL
- WELLHEAD

## NOTES:

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



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	12/26/2021	SAH	SAH	SRV

TITLE: *GROUNDWATER ELEVATION MAP  
MAY 13, 2020*

PROJECT: *FIELDS A#7A  
SAN JUAN RIVER BASIN  
SAN JUAN COUNTY, NEW MEXICO*



Figure No.: **4**

\\Us0389-ppfss01\shared\_projects\193710238\07\_historical\SJRB GENERAL\GIS-NEW\_MXD\FIELDS A#7\2020 MAPS\Fields\_A#7\_GARM\_2SA\_2020.mxd



\\Us0389-ppl\ss01\shared\_projects\193710238\07\_historical\SRB GENERAL\GIS-NEW\MXDs\FIELDS A#7\2020 MAPS\Fields\_A#7\_GECM\_2SA\_2020.mxd



**LEGEND:**

- 6082 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UNKNOWN LINE
- UNDERGROUND ELECTRIC
- PIPELINE
- COMMUNICATION
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- ABANDONED MONITORING WELL
- BP/SIMCOE MONITORING WELLS
- BP PASSIVE VENT WELL
- WELLHEAD

**NOTES:**

- 6053.07 GROUNDWATER ELEVATION CORRECTED FOR PRODUCT THICKNESS. FEET ABOVE MEAN SEA LEVEL
- 6053 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	12/28/2021	SAH	SAH	SRV

TITLE: *GROUNDWATER ELEVATION MAP NOVEMBER 14, 2020*

PROJECT: *FIELDS A#7A  
SAN JUAN RIVER BASIN  
SAN JUAN COUNTY, NEW MEXICO*

Figure No.: **6**

Stantec

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

## **APPENDICES**

APPENDIX A – NOTIFICATIONS OF SAMPLING ACTIVITIES

APPENDIX B – WASTE WATER DISPOSAL DOCUMENTATION

APPENDIX C – MAY 13, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT  
NOVEMBER 14, 2020 GROUNDWATER SAMPLING ANALYTICAL  
REPORT

# APPENDIX A

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

---

Hi Cory -

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

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

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

Thank you,  
Steve

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

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

---

Hi Cory -

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

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

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

Thank you,  
Steve

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

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

---

Steve,

Thank you for the notification.

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

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# APPENDIX B

# BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8938 or 505-334-1013

OPEN 24 Hours per Day

NO. 732583

NMOC D PERMIT: NM-001-0005

Oil Field Waste Document, Form C138

INVOICE:

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

DEL. TKT#:

BILL TO: EI Paso CGPDRIVER: \_\_\_\_\_  
(Print Full Name)

CODES: \_\_\_\_\_

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

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

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

☒ Approved☐ DeniedATTENDANT SIGNATURE Joe W

SAN JUAN PRINTING 0818018B



30 Years of Environmental Health and Safety Excellence

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

796735

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

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

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

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

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

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

☒ Approved ☐ Denied ATTENDANT SIGNATURE [Signature]

SAN JUAN PRINTING 0818018B

# BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

NO. **800536**

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

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

DEL. TKT#.

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

CODES:

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

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

20 NOV 15 5:52 PM

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

☒ Approved☐ DeniedATTENDANT SIGNATURE [Signature]

SAN JUAN PRINTING 2020 1973-1

# APPENDIX C



## Environment Testing America

### ANALYTICAL REPORT

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

Laboratory Job ID: 400-188062-1

Client Project/Site: EIPaso CGP Company-Fields A#7A.00

**For:**

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

Attn: Steve Varsa

Authorized for release by:  
5/29/2020 3:33:09 PM

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

#### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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

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

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Laboratory Job ID: 400-188062-1

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## Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

## Glossary

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

## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

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### Job ID: 400-188062-1

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Laboratory: Eurofins TestAmerica, Pensacola

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#### Narrative

#### Job Narrative 400-188062-1

#### 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

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

#### VOA Prep

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

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

### Client Sample ID: MW-1

Lab Sample ID: 400-188062-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	160		1.0	ug/L	1		8260C	Total/NA
Toluene	4.1		1.0	ug/L	1		8260C	Total/NA
Xylenes, Total	16		10	ug/L	1		8260C	Total/NA

### Client Sample ID: MW-4R

Lab Sample ID: 400-188062-2

No Detections.

### Client Sample ID: MW-7

Lab Sample ID: 400-188062-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	44		1.0	ug/L	1		8260C	Total/NA
Toluene	18		1.0	ug/L	1		8260C	Total/NA
Xylenes, Total	28		10	ug/L	1		8260C	Total/NA

### Client Sample ID: MW-5

Lab Sample ID: 400-188062-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	8.0		1.0	ug/L	1		8260C	Total/NA

### Client Sample ID: MW-10

Lab Sample ID: 400-188062-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.9		1.0	ug/L	1		8260C	Total/NA
Toluene	1.3		1.0	ug/L	1		8260C	Total/NA

### Client Sample ID: TB-01

Lab Sample ID: 400-188062-6

No Detections.

### Client Sample ID: DUP-01

Lab Sample ID: 400-188062-7

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-Fields A#7A.00

Job ID: 400-188062-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-188062-1	MW-1	Water	05/13/20 14:10	05/14/20 09:28	
400-188062-2	MW-4R	Water	05/13/20 14:00	05/14/20 09:28	
400-188062-3	MW-7	Water	05/13/20 14:20	05/14/20 09:28	
400-188062-4	MW-5	Water	05/13/20 14:41	05/14/20 09:28	
400-188062-5	MW-10	Water	05/13/20 14:31	05/14/20 09:28	
400-188062-6	TB-01	Water	05/13/20 07:10	05/14/20 09:28	
400-188062-7	DUP-01	Water	05/13/20 01:10	05/14/20 09:28	

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-1

Lab Sample ID: 400-188062-1

Date Collected: 05/13/20 14:10

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	160		1.0	ug/L			05/23/20 21:30	1
Toluene	4.1		1.0	ug/L			05/23/20 21:30	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 21:30	1
Xylenes, Total	16		10	ug/L			05/23/20 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		78 - 118		05/23/20 21:30	1
Dibromofluoromethane	107		81 - 121		05/23/20 21:30	1
Toluene-d8 (Surr)	90		80 - 120		05/23/20 21:30	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-4R

Lab Sample ID: 400-188062-2

Date Collected: 05/13/20 14:00

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			05/23/20 21:54	1
Toluene	<1.0		1.0	ug/L			05/23/20 21:54	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 21:54	1
Xylenes, Total	<10		10	ug/L			05/23/20 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		78 - 118		05/23/20 21:54	1
Dibromofluoromethane	114		81 - 121		05/23/20 21:54	1
Toluene-d8 (Surr)	91		80 - 120		05/23/20 21:54	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-7

Lab Sample ID: 400-188062-3

Date Collected: 05/13/20 14:20

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	44		1.0	ug/L			05/23/20 22:17	1
Toluene	18		1.0	ug/L			05/23/20 22:17	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 22:17	1
Xylenes, Total	28		10	ug/L			05/23/20 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		78 - 118		05/23/20 22:17	1
Dibromofluoromethane	115		81 - 121		05/23/20 22:17	1
Toluene-d8 (Surr)	91		80 - 120		05/23/20 22:17	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-5

Lab Sample ID: 400-188062-4

Date Collected: 05/13/20 14:41

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	8.0		1.0	ug/L			05/23/20 22:41	1
Toluene	<1.0		1.0	ug/L			05/23/20 22:41	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 22:41	1
Xylenes, Total	<10		10	ug/L			05/23/20 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		78 - 118		05/23/20 22:41	1
Dibromofluoromethane	118		81 - 121		05/23/20 22:41	1
Toluene-d8 (Surr)	91		80 - 120		05/23/20 22:41	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-10

Lab Sample ID: 400-188062-5

Date Collected: 05/13/20 14:31

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	2.9		1.0	ug/L			05/23/20 23:05	1
Toluene	1.3		1.0	ug/L			05/23/20 23:05	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 23:05	1
Xylenes, Total	<10		10	ug/L			05/23/20 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		78 - 118		05/23/20 23:05	1
Dibromofluoromethane	121		81 - 121		05/23/20 23:05	1
Toluene-d8 (Surr)	92		80 - 120		05/23/20 23:05	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: TB-01

Lab Sample ID: 400-188062-6

Date Collected: 05/13/20 07:10

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			05/23/20 17:56	1
Toluene	<1.0		1.0	ug/L			05/23/20 17:56	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 17:56	1
Xylenes, Total	<10		10	ug/L			05/23/20 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		78 - 118		05/23/20 17:56	1
Dibromofluoromethane	114		81 - 121		05/23/20 17:56	1
Toluene-d8 (Surr)	92		80 - 120		05/23/20 17:56	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: DUP-01

Lab Sample ID: 400-188062-7

Date Collected: 05/13/20 01:10

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			05/23/20 23:29	1
Toluene	<1.0		1.0	ug/L			05/23/20 23:29	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 23:29	1
Xylenes, Total	<10		10	ug/L			05/23/20 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		78 - 118		05/23/20 23:29	1
Dibromofluoromethane	116		81 - 121		05/23/20 23:29	1
Toluene-d8 (Surr)	92		80 - 120		05/23/20 23:29	1

Eurofins TestAmerica, Pensacola

## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

## GC/MS VOA

## Analysis Batch: 490244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-188062-1	MW-1	Total/NA	Water	8260C	
400-188062-2	MW-4R	Total/NA	Water	8260C	
400-188062-3	MW-7	Total/NA	Water	8260C	
400-188062-4	MW-5	Total/NA	Water	8260C	
400-188062-5	MW-10	Total/NA	Water	8260C	
400-188062-6	TB-01	Total/NA	Water	8260C	
400-188062-7	DUP-01	Total/NA	Water	8260C	
MB 400-490244/4	Method Blank	Total/NA	Water	8260C	
LCS 400-490244/1002	Lab Control Sample	Total/NA	Water	8260C	
400-188282-E-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-188282-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: El Paso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

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

Lab Sample ID: MB 400-490244/4

Matrix: Water

Analysis Batch: 490244

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			05/23/20 15:46	1
Toluene	<1.0		1.0	ug/L			05/23/20 15:46	1
Ethylbenzene	<1.0		1.0	ug/L			05/23/20 15:46	1
Xylenes, Total	<10		10	ug/L			05/23/20 15:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		78 - 118		05/23/20 15:46	1
Dibromofluoromethane	117		81 - 121		05/23/20 15:46	1
Toluene-d8 (Surr)	93		80 - 120		05/23/20 15:46	1

Lab Sample ID: LCS 400-490244/1002

Matrix: Water

Analysis Batch: 490244

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	50.3		ug/L		101	70 - 130
Toluene	50.0	46.5		ug/L		93	70 - 130
Ethylbenzene	50.0	45.1		ug/L		90	70 - 130
Xylenes, Total	100	90.0		ug/L		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	84		78 - 118
Dibromofluoromethane	113		81 - 121
Toluene-d8 (Surr)	92		80 - 120

Lab Sample ID: 400-188282-E-1 MS

Matrix: Water

Analysis Batch: 490244

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	49.1		ug/L		98	56 - 142
Toluene	<1.0		50.0	45.9		ug/L		92	65 - 130
Ethylbenzene	<1.0		50.0	44.5		ug/L		89	58 - 131
Xylenes, Total	<10		100	85.8		ug/L		86	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	82		78 - 118
Dibromofluoromethane	113		81 - 121
Toluene-d8 (Surr)	92		80 - 120

Lab Sample ID: 400-188282-E-1 MSD

Matrix: Water

Analysis Batch: 490244

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<1.0		50.0	47.8		ug/L		96	56 - 142	3	30
Toluene	<1.0		50.0	44.1		ug/L		88	65 - 130	4	30
Ethylbenzene	<1.0		50.0	42.4		ug/L		85	58 - 131	5	30

Eurofins TestAmerica, Pensacola

## QC Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

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

Lab Sample ID: 400-188282-E-1 MSD

Matrix: Water

Analysis Batch: 490244

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
Xylenes, Total	<10		100	84.1		ug/L		84	59 - 130	2	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	86		78 - 118								
Dibromofluoromethane	113		81 - 121								
Toluene-d8 (Surr)	90		80 - 120								

Eurofins TestAmerica, Pensacola

## Lab Chronicle

Client: Stantec Consulting Services Inc  
 Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Client Sample ID: MW-1

Lab Sample ID: 400-188062-1

Date Collected: 05/13/20 14:10

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	490244	05/23/20 21:30	RS	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-4R

Lab Sample ID: 400-188062-2

Date Collected: 05/13/20 14:00

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	490244	05/23/20 21:54	RS	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-7

Lab Sample ID: 400-188062-3

Date Collected: 05/13/20 14:20

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	490244	05/23/20 22:17	RS	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-5

Lab Sample ID: 400-188062-4

Date Collected: 05/13/20 14:41

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	490244	05/23/20 22:41	RS	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-10

Lab Sample ID: 400-188062-5

Date Collected: 05/13/20 14:31

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	490244	05/23/20 23:05	RS	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: TB-01

Lab Sample ID: 400-188062-6

Date Collected: 05/13/20 07:10

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	490244	05/23/20 17:56	RS	TAL PEN
Instrument ID: CH_WASP										

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

**Client Sample ID: DUP-01**  
**Date Collected: 05/13/20 01:10**  
**Date Received: 05/14/20 09:28**

**Lab Sample ID: 400-188062-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490244	05/23/20 23:29	RS	TAL PEN
Instrument ID: CH_WASP										

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

## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

### Laboratory: Eurofins TestAmerica, Pensacola

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

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

Eurofins TestAmerica, Pensacola

## Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-188062-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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

**euorins I estAmerica, Pensacola**

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

## Chain of Custody Record

[illegible]

## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-188062-1

Login Number: 188062

List Number: 1

Creator: Gore, Beija K

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1246309
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing  
America

## ANALYTICAL REPORT

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

Laboratory Job ID: 400-195964-1

Client Project/Site: EIPaso CGP Company-Fields A#7A.00

For:

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

Attn: Steve Varsa

Authorized for release by:  
12/8/2020 3:55:38 PM

Marty Edwards, Client Service Manager  
(850)471-6227

[Marty.Edwards@Eurofinset.com](mailto:Marty.Edwards@Eurofinset.com)

### LINKS

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results through

TotalAccess

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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Laboratory Job ID: 400-195964-1

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## Definitions/Glossary

Client: Stantec Consulting Services Inc  
 Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

## Qualifiers

## GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

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**Job ID: 400-195964-1**

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**Laboratory: Eurofins TestAmerica, Pensacola****Narrative****Job Narrative  
400-195964-1****Comments**

No additional comments.

**Receipt**

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

**GC/MS VOA**

Method 8260C: Additional dilutions of the following samples were performed outside of the analytical holding time and we reported both in hold / out of hold data: DUP-01 (400-195964-2) and MW-1 (400-195964-3).

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

**VOA Prep**

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

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

## Client Sample ID: TB-01

Lab Sample ID: 400-195964-1

No Detections.

## Client Sample ID: DUP-01

Lab Sample ID: 400-195964-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	720	E	2.0	ug/L	2		8260C	Total/NA
Ethylbenzene	7.9		2.0	ug/L	2		8260C	Total/NA
Toluene	31		2.0	ug/L	2		8260C	Total/NA
Xylenes, Total	280		20	ug/L	2		8260C	Total/NA
Benzene - DL	690	H	10	ug/L	10		8260C	Total/NA

## Client Sample ID: MW-1

Lab Sample ID: 400-195964-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	790	E	2.0	ug/L	2		8260C	Total/NA
Ethylbenzene	8.0		2.0	ug/L	2		8260C	Total/NA
Toluene	34		2.0	ug/L	2		8260C	Total/NA
Xylenes, Total	280		20	ug/L	2		8260C	Total/NA
Benzene - DL	610	H	20	ug/L	20		8260C	Total/NA

## Client Sample ID: MW-4R

Lab Sample ID: 400-195964-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.3		1.0	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-5

Lab Sample ID: 400-195964-5

No Detections.

## Client Sample ID: MW-7

Lab Sample ID: 400-195964-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	23		1.0	ug/L	1		8260C	Total/NA
Toluene	11		1.0	ug/L	1		8260C	Total/NA
Xylenes, Total	19		10	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-10

Lab Sample ID: 400-195964-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.6		1.0	ug/L	1		8260C	Total/NA
Toluene	2.6		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  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-195964-1	TB-01	Water	11/14/20 12:00	11/17/20 09:36	
400-195964-2	DUP-01	Water	11/14/20 13:25	11/17/20 09:36	
400-195964-3	MW-1	Water	11/14/20 12:53	11/17/20 09:36	
400-195964-4	MW-4R	Water	11/14/20 13:06	11/17/20 09:36	
400-195964-5	MW-5	Water	11/14/20 13:18	11/17/20 09:36	
400-195964-6	MW-7	Water	11/14/20 13:28	11/17/20 09:36	
400-195964-7	MW-10	Water	11/14/20 13:42	11/17/20 09:36	

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: El Paso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: TB-01

Lab Sample ID: 400-195964-1

Date Collected: 11/14/20 12:00

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/25/20 16:46	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 16:46	1
Toluene	<1.0		1.0	ug/L			11/25/20 16:46	1
Xylenes, Total	<10		10	ug/L			11/25/20 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/25/20 16:46	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/25/20 16:46	1
Dibromofluoromethane (Surr)	97		80 - 120		11/25/20 16:46	1
Toluene-d8 (Surr)	101		80 - 120		11/25/20 16:46	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: DUP-01

Lab Sample ID: 400-195964-2

Date Collected: 11/14/20 13:25

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	720	E	2.0	ug/L			11/25/20 22:08	2
Ethylbenzene	7.9		2.0	ug/L			11/25/20 22:08	2
Toluene	31		2.0	ug/L			11/25/20 22:08	2
Xylenes, Total	280		20	ug/L			11/25/20 22:08	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		11/25/20 22:08	2
4-Bromofluorobenzene (Surr)	95		80 - 120		11/25/20 22:08	2
Dibromofluoromethane (Surr)	95		80 - 120		11/25/20 22:08	2
Toluene-d8 (Surr)	104		80 - 120		11/25/20 22:08	2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	690	H	10	ug/L			11/30/20 22:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		11/30/20 22:23	10
4-Bromofluorobenzene (Surr)	95		80 - 120		11/30/20 22:23	10
Dibromofluoromethane (Surr)	97		80 - 120		11/30/20 22:23	10
Toluene-d8 (Surr)	102		80 - 120		11/30/20 22:23	10

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: MW-1

Lab Sample ID: 400-195964-3

Date Collected: 11/14/20 12:53

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	790	E	2.0	ug/L			11/25/20 22:28	2
Ethylbenzene	8.0		2.0	ug/L			11/25/20 22:28	2
Toluene	34		2.0	ug/L			11/25/20 22:28	2
Xylenes, Total	280		20	ug/L			11/25/20 22:28	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/25/20 22:28	2
4-Bromofluorobenzene (Surr)	96		80 - 120		11/25/20 22:28	2
Dibromofluoromethane (Surr)	97		80 - 120		11/25/20 22:28	2
Toluene-d8 (Surr)	103		80 - 120		11/25/20 22:28	2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	610	H	20	ug/L			11/30/20 22:43	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/30/20 22:43	20
4-Bromofluorobenzene (Surr)	95		80 - 120		11/30/20 22:43	20
Dibromofluoromethane (Surr)	96		80 - 120		11/30/20 22:43	20
Toluene-d8 (Surr)	102		80 - 120		11/30/20 22:43	20

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: MW-4R

Lab Sample ID: 400-195964-4

Date Collected: 11/14/20 13:06

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.3		1.0	ug/L			11/25/20 20:47	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 20:47	1
Toluene	<1.0		1.0	ug/L			11/25/20 20:47	1
Xylenes, Total	<10		10	ug/L			11/25/20 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/25/20 20:47	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/25/20 20:47	1
Dibromofluoromethane (Surr)	97		80 - 120		11/25/20 20:47	1
Toluene-d8 (Surr)	100		80 - 120		11/25/20 20:47	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: MW-5

Lab Sample ID: 400-195964-5

Date Collected: 11/14/20 13:18

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/25/20 21:07	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 21:07	1
Toluene	<1.0		1.0	ug/L			11/25/20 21:07	1
Xylenes, Total	<10		10	ug/L			11/25/20 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		11/25/20 21:07	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/25/20 21:07	1
Dibromofluoromethane (Surr)	96		80 - 120		11/25/20 21:07	1
Toluene-d8 (Surr)	100		80 - 120		11/25/20 21:07	1

Eurofins TestAmerica, Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
 Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: MW-7

Lab Sample ID: 400-195964-6

Date Collected: 11/14/20 13:28

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	23		1.0	ug/L			11/25/20 21:27	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 21:27	1
Toluene	11		1.0	ug/L			11/25/20 21:27	1
Xylenes, Total	19		10	ug/L			11/25/20 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		11/25/20 21:27	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/25/20 21:27	1
Dibromofluoromethane (Surr)	96		80 - 120		11/25/20 21:27	1
Toluene-d8 (Surr)	101		80 - 120		11/25/20 21:27	1

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Client Sample ID: MW-10

Lab Sample ID: 400-195964-7

Date Collected: 11/14/20 13:42

Matrix: Water

Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.6		1.0	ug/L			11/25/20 21:47	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 21:47	1
Toluene	2.6		1.0	ug/L			11/25/20 21:47	1
Xylenes, Total	<10		10	ug/L			11/25/20 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/25/20 21:47	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/25/20 21:47	1
Dibromofluoromethane (Surr)	97		80 - 120		11/25/20 21:47	1
Toluene-d8 (Surr)	101		80 - 120		11/25/20 21:47	1

## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

## GC/MS VOA

## Analysis Batch: 70489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195964-1	TB-01	Total/NA	Water	8260C	
400-195964-2	DUP-01	Total/NA	Water	8260C	
400-195964-3	MW-1	Total/NA	Water	8260C	
400-195964-4	MW-4R	Total/NA	Water	8260C	
400-195964-5	MW-5	Total/NA	Water	8260C	
400-195964-6	MW-7	Total/NA	Water	8260C	
400-195964-7	MW-10	Total/NA	Water	8260C	
MB 410-70489/7	Method Blank	Total/NA	Water	8260C	
LCS 410-70489/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-70489/5	Lab Control Sample Dup	Total/NA	Water	8260C	

## Analysis Batch: 71176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195964-2 - DL	DUP-01	Total/NA	Water	8260C	
400-195964-3 - DL	MW-1	Total/NA	Water	8260C	
MB 410-71176/7	Method Blank	Total/NA	Water	8260C	
LCS 410-71176/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-71176/5	Lab Control Sample Dup	Total/NA	Water	8260C	

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

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

Lab Sample ID: MB 410-70489/7

Matrix: Water

Analysis Batch: 70489

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 15:04	1
Ethylbenzene	<1.0		1.0	ug/L			11/25/20 15:04	1
Toluene	<1.0		1.0	ug/L			11/25/20 15:04	1
Xylenes, Total	<10		10	ug/L			11/25/20 15:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/25/20 15:04	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/25/20 15:04	1
Dibromofluoromethane (Surr)	96		80 - 120		11/25/20 15:04	1
Toluene-d8 (Surr)	101		80 - 120		11/25/20 15:04	1

Lab Sample ID: LCS 410-70489/4

Matrix: Water

Analysis Batch: 70489

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.3		ug/L		107	80 - 120
Ethylbenzene	20.0	21.2		ug/L		106	80 - 120
Toluene	20.0	21.9		ug/L		110	80 - 120
Xylenes, Total	60.0	64.8		ug/L		108	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 410-70489/5

Matrix: Water

Analysis Batch: 70489

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	20.0	20.9		ug/L		105	80 - 120	2	30
Ethylbenzene	20.0	20.7		ug/L		104	80 - 120	2	30
Toluene	20.0	21.4		ug/L		107	80 - 120	3	30
Xylenes, Total	60.0	62.8		ug/L		105	80 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	102		80 - 120

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

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

Lab Sample ID: MB 410-71176/7

Matrix: Water

Analysis Batch: 71176

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			11/30/20 20:53	1
Ethylbenzene	<1.0		1.0	ug/L			11/30/20 20:53	1
Toluene	<1.0		1.0	ug/L			11/30/20 20:53	1
Xylenes, Total	<10		10	ug/L			11/30/20 20:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		11/30/20 20:53	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/30/20 20:53	1
Dibromofluoromethane (Surr)	98		80 - 120		11/30/20 20:53	1
Toluene-d8 (Surr)	101		80 - 120		11/30/20 20:53	1

Lab Sample ID: LCS 410-71176/4

Matrix: Water

Analysis Batch: 71176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.6		ug/L		108	80 - 120
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120
Toluene	20.0	21.7		ug/L		109	80 - 120
Xylenes, Total	60.0	63.6		ug/L		106	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 410-71176/5

Matrix: Water

Analysis Batch: 71176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	20.0	21.5		ug/L		107	80 - 120	1	30
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120	0	30
Toluene	20.0	21.8		ug/L		109	80 - 120	0	30
Xylenes, Total	60.0	63.7		ug/L		106	80 - 120	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Eurofins TestAmerica, Pensacola

## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

## Client Sample ID: TB-01

## Lab Sample ID: 400-195964-1

Date Collected: 11/14/20 12:00

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	70489	11/25/20 16:46	UCB5	ELLE
Instrument ID: 26285										

## Client Sample ID: DUP-01

## Lab Sample ID: 400-195964-2

Date Collected: 11/14/20 13:25

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	70489	11/25/20 22:08	UCB5	ELLE
Instrument ID: 26285										
Total/NA	Analysis	8260C	DL	10	5 mL	5 mL	71176	11/30/20 22:23	R64Z	ELLE
Instrument ID: 26285										

## Client Sample ID: MW-1

## Lab Sample ID: 400-195964-3

Date Collected: 11/14/20 12:53

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	70489	11/25/20 22:28	UCB5	ELLE
Instrument ID: 26285										
Total/NA	Analysis	8260C	DL	20	5 mL	5 mL	71176	11/30/20 22:43	R64Z	ELLE
Instrument ID: 26285										

## Client Sample ID: MW-4R

## Lab Sample ID: 400-195964-4

Date Collected: 11/14/20 13:06

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	70489	11/25/20 20:47	UCB5	ELLE
Instrument ID: 26285										

## Client Sample ID: MW-5

## Lab Sample ID: 400-195964-5

Date Collected: 11/14/20 13:18

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	70489	11/25/20 21:07	UCB5	ELLE
Instrument ID: 26285										

## Client Sample ID: MW-7

## Lab Sample ID: 400-195964-6

Date Collected: 11/14/20 13:28

Matrix: Water

Date Received: 11/17/20 09:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	70489	11/25/20 21:27	UCB5	ELLE
Instrument ID: 26285										

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: EIPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

**Client Sample ID: MW-10**  
**Date Collected: 11/14/20 13:42**  
**Date Received: 11/17/20 09:36**

**Lab Sample ID: 400-195964-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	70489	11/25/20 21:47	UCB5	ELLE
Instrument ID: 26285										

**Laboratory References:**  
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
 Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

### Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	12-31-20
Alaska	State	PA00009	06-30-21
Alaska (UST)	State	17-027	01-31-21
Arizona	State	AZ0780	03-12-21
Arkansas DEQ	State	19-053-0	08-09-21
California	State	2792	01-31-21
Colorado	State	PA00009	06-30-21
Connecticut	State	PH-0746	12-26-20
Delaware (DW)	State	N/A	01-31-21
Florida	NELAP	E87997	07-01-21
Hawaii	State	N/A	01-31-21
Illinois	NELAP	004559	01-31-21
Iowa	State	361	03-02-22
Kansas	NELAP	E-10151	10-31-21
Kentucky (DW)	State	KY90088	12-31-20
Kentucky (UST)	State	1.01	11-30-20
Kentucky (WW)	State	KY90088	12-31-20
Louisiana	NELAP	02055	06-30-21
Maine	State	2019012	03-12-21
Maryland	State	100	06-30-21
Massachusetts	State	M-PA009	06-30-21
Michigan	State	9930	01-31-21
Minnesota	NELAP	042-999-487	12-31-21
Missouri	State	450	01-31-22
Montana (DW)	State	0098	01-01-22
Nebraska	State	NE-OS-32-17	01-31-20 *
Nevada	State	PA000092019-3	07-31-21
New Hampshire	NELAP	273019	01-10-21
New Jersey	NELAP	PA011	06-30-21
New York	NELAP	10670	04-01-21
North Carolina (DW)	State	42705	07-31-21
North Carolina (WW/SW)	State	521	12-31-20
North Dakota	State	R-205	01-31-20 *
Oklahoma	NELAP	R-205	02-01-21
Oregon	NELAP	PA200001-018	09-12-21
PALA	Canada	1978	05-08-21
Pennsylvania	NELAP	36-00037	01-31-21
Rhode Island	State	LAO00338	12-30-20
South Carolina	State	89002002	01-31-21
Tennessee	State	02838	01-31-21
Texas	NELAP	T104704194-20-38	08-31-21
Utah	NELAP	PA000092019-16	02-28-21
Vermont	State	VT - 36037	10-29-21
Virginia	NELAP	10561	06-14-21
Washington	State	C457	04-11-21
West Virginia (DW)	State	9906 C	12-31-20
West Virginia DEP	State	055	12-31-20
Wyoming	State	8TMS-L	01-07-21
Wyoming (UST)	A2LA	1.01	11-30-20

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

Eurofins TestAmerica, Pensacola

## Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: ElPaso CGP Company-Fields A#7A.00

Job ID: 400-195964-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

### Protocol References:

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

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

**Eurofins TestAmerica, Pensacola**  
 3355 McLemore Drive  
 Pensacola, FL 32514  
 Phone: 850-474-1001 Fax: 850-478-2371

**TestAmerica Des Moines SC**  
 214

# Chain of Custody Record



Eurofins  
America



400-195964 COC

<b>Client Information</b> Client Contact: Steve Varsa Company: Stantec Consulting Services Inc Address: 11153 Aurora Avenue City: Des Moines State, Zip: IA, 50322-7904 Phone: 303-291-2239(Tel) Email: steve.varsa@stantec.com Project Name: Fields A#7A Field's A#7A.00 Site: Fields A#7A		Due Date Requested: TAT Requested (days): <b>STD</b> PO #: See Project Notes W/C #: Project #: 40005479 SOW#:		Lab PM: Edwards, Marty P E-Mail: Marty.Edwards@Eurofinset.com Carrier Tracking No(s): COC No: 400-97387-35231.1 Page: Page 1 of 1 Job #:	
<b>Sample Information</b> Sampler: <b>SRC</b> Phone: <b>913 980 0281</b>		<b>Analysis Requested</b>			
<b>Sample Identification</b> TB-01 DUP-01 MW-1 MW-4R MW-5 MW-7 MW-10		Sample Date 11/14/2020 11/14/2020 11/14/2020 11/14/2020 11/14/2020 11/14/2020 11/14/2020	Sample Time 1200 1325 1255 1306 1318 1328 1342	Sample Type (C=Comp, G=grab) G G G G G G G	Matrix (W=water, S=sediment, O=oil, G=gas, L=leachate, B=biological, A=air) Water Water Water Water Water Water Water
Field Filled Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C - (MOD) BTEX 8260		Field Filled Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C - (MOD) BTEX 8260		Total Number of Containers Special Instructions/Note: Trip Blank Blind Dup	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Decahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify): Empty Kit Relinquished by:					
Relinquished by: <b>Sen R. Clark</b> Relinquished by: Relinquished by:		Date/Time: 11/16/2020 0700 Date/Time: Date/Time:		Date/Time: 11-17-20 0936 Date/Time: Date/Time:	
Company: <b>STN</b> Company:		Company: <b>STN</b> Company:		Company: <b>STN</b> Company:	
Custody Seal's Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.0°C (R-8)		Ver: 01/16/2019	

## Eurofins TestAmerica, Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671

## Chain of Custody Record



Environment Testing  
America

<b>Client Information (Sub Contract Lab)</b>				Sampler: Edwards, Marty P		Carrier Tracking No(s):		COC No: 400-256640.1	
Client Contact: Shipping/Receiving				Phone:		E-Mail: Marty.Edwards@Eurofinset.com		State of Origin: New Mexico	
Company: Eurofins Lancaster Laboratories Env LLC				Accreditations Required (See note):		Job #: 400-195964-1		Page: Page 1 of 1	
Address: 2425 New Holland Pike, Lancaster, PA, 17601				Due Date Requested: 12/1/2020		Analysis Requested		Preservation Codes:	
City: Lancaster				TAT Requested (days):		<div>Field Filtered Sample (Yes or No)</div> <div>Perform MS/MSD (Yes or No)</div> <div>8260C/5030C BTEX Volatiles (Total Xylenes)</div>		A - HCL M - Hexane	
State, Zip: PA, 17601				PO #:				B - NaOH N - None	
Phone: 717-656-2300(Tel)				WO #:				C - Zn Acetate O - AsNaO2	
Email:				Project #:				D - Nitric Acid P - Na2O4S	
Project Name: EIPaso CGP Company-Fields A#7A.00				SSOW#:		Total Number of containers		E - NaHSO4 O - Na2SO3	
Site:								F - MeOH R - Na2S2O3	
Sample Identification - Client ID (Lab ID)				Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
TB-01 (400-195964-1)				11/14/20		12:00		Water	
DUP-01 (400-195964-2)				11/14/20		13:25		Water	
MW-1 (400-195964-3)				11/14/20		12:53		Water	
MW-4R (400-195964-4)				11/14/20		13:06		Water	
MW-5 (400-195964-5)				11/14/20		13:18		Water	
MW-7 (400-195964-6)				11/14/20		13:28		Water	
MW-10 (400-195964-7)				11/14/20		13:42		Water	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.									
Possible Hazard Identification				Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:			
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:	
Relinquished by: Kathy Roney				Date/Time: 11-24-20 1520		Company: EIA		Received by: Date/Time: Company:	
Relinquished by:				Date/Time:		Company:		Received by: Date/Time: Company:	
Relinquished by:				Date/Time:		Company:		Received by: Date/Time: Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.2			

## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-195964-1

Login Number: 195964

List Source: Eurofins TestAmerica, Pensacola

List Number: 1

Creator: Conrady, Hank W

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-195964-1

Login Number: 195964

List Number: 2

Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

List Creation: 11/25/20 12:39 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	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 23599

**CONDITIONS**

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID:
	7046
	Action Number: 23599
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER REPORT: Content satisfactory 1. Continue to conduct semi-annual groundwater monitoring events in 2021, pursuant to the September 18, 2017 work plan 2. Continue pursuant to EPCGP's January 5, 2021 letter, manual recovery of free product on a quarterly basis from monitoring well MW-8 3. Submit the 2021 Annual Report and include all activities completed and summarize the results. Report to be submitted no later than March 31, 2022	12/29/2021