2021 ANNUAL GROUNDWATER REPORT

Fields A#7A
Incident Number: nAUTOfAB000176
Meter Code: 89961
T32N, R11W, Sec 34, Unit E

REVIEWED
By Nelson Velez at 9:40 am, Dec 09, 2022

Review of the 2021 Annual Groundwater Report: Content satisfactory

1. OCD approves "Planned Future Activities" as stated in report.
2. Submit next annual report to OCD no later than March 31, 2023.

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 though 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. Historically, light non-aqueous phase liquid (LNAPL) has periodically been encountered and recovered from MW-6 and MW-8. Quarterly LNAPL recovery began in the second quarter of 2020 and has continued through 2021. 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 12, 2021, and November 3, 2021, prior to initiating groundwater sampling activities at the Site. Copies of the 2021 NMOCD notifications are provided in Appendix A. On May 22 and November 14, 2021, 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, and MW-10, and samples were also collected from MW-9 and MW-11 during the May 2021 event. LNAPL was detected at MW-6 and MW-8 during both events; therefore, no groundwater samples were collected from these locations. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event approximately 0.5 foot 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.

2021 ANNUAL GROUNDWATER REPORT

Fields A#7A
Incident Number: nAUTOfAB000176
Meter Code: 89961
T32N, R11W, Sec 34, Unit E

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.

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.

LNAPL RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly LNAPL recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of site activities is provided in Appendix A. LNAPL was observed in monitoring well MW-8 during the March, May, August, and November 2021 LNAPL recovery events and in MW-6 during the May, August, and November events. Due to the presence of measurable LNAPL in monitoring well MW-6, BP monitoring well BPMW-2 was also gauged during the May and August events.

The LNAPL recovery data is summarized on Table 1. During the groundwater sampling site visits in May and November 2021, the recovered LNAPL was disposed of with wastewater generated during the monitoring well sampling activities. Recovered LNAPL from the March and August site visits were also transported for disposal at Basin (Appendix B).

SUMMARY TABLES

Historic groundwater analytical results and well gauging data are summarized in Tables 2 and 3, respectively. LNAPL recovery data is summarized on Table 1.

SITE MAPS

Groundwater analytical maps (Figures 3 and 5) and groundwater elevation maps (Figures 4 and 6) summarize results of the 2021 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 southwest during the May and November 2021 gauging events (see Figures 4 and 6).
- LNAPL was observed at MW-6 and MW-8 during both groundwater sampling events in 2021; therefore, no groundwater samples were collected at these locations.
- Groundwater samples collected in May and November 2021 from monitoring well MW-1 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Benzene was either below the NMWQCC standard or was not detected in the groundwater samples collected from other Site wells in 2021.

2021 ANNUAL GROUNDWATER REPORT

Fields A#7A
Incident Number: nAUTOfAB000176
Meter Code: 89961
T32N, R11W, Sec 34, Unit E

- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or were not detected in each of the Site monitoring wells sampled in 2021.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in each of the Site monitoring wells sampled in 2021.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or were not detected in each of the Site monitoring wells sampled in 2021.
- A field duplicate was collected from MW-1 for the May and November 2021 semi-annual monitoring event. There were no significant differences between the primary and duplicate samples except for the May 2021 samples that had the following results: benzene MW-1 86 µg/L and duplicate 37 µg/L; and toluene MW-1 2.4 µg/L and duplicate 1.1 µg/L .
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2021 groundwater monitoring events.

PLANNED FUTURE ACTIVITIES

Due to the presence of LNAPL in monitoring wells MW-6 and BPMW-2, additional assessment of the extent of LNAPL to the northwest and/or the presence of other sources areas is warranted. Installation of additional monitoring wells is to be conducted in 2022. A work plan for the monitoring well installation activities will be submitted under separate cover.

Groundwater monitoring events will be conducted on a semi-annual basis in 2022, pursuant to the September 18, 2017 *Groundwater Monitoring Plan*. Groundwater samples will be collected from monitoring wells not containing LNAPL and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event.

Quarterly Site visits will continue at the Site in 2022 to facilitate removal of measurable LNAPL from EPCGP monitoring wells, where it is present.

The activities completed in 2022 and their results will be summarized in the 2022 Annual Report, to be submitted by April 1, 2023.

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
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

Fields A#7A						
Well ID - MW-6	**Depth to LNAPL (Feet)**	**Depth to Water (Feet)**	**Measured Thickness (Feet)**	**LNAPL Recovered (gal)**	**Water Recovered (gal)**	**Recovery Type**
Date						
5/22/2021	31.87	32.45	0.58	0.09	0.05	manual
8/22/2021	32.04	32.15	0.11	0.32	0.74	manual
11/14/2021	32.02	32.88	0.86	0.83	1.03	manual
			Total:	1.24	1.82	
Well ID - MW-8						
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
3/17/2021	29.44	29.47	0.03	0.01	0.49	manual
5/22/2021	29.60	29.71	0.11	<0.01	0.07	manual
8/22/2021	29.75	29.75	<0.01	<0.01	0.13	manual
11/14/2021	29.81	29.90	0.09	<0.01	0.32	manual
			Total:	0.50	1.59	

Notes:
NR = Not Recorded.
gal = gallons
"LNAPL" = Light non-aqueous phase liquid
LNAPL recovery data for 2003 and previous years documented in previously-submitted reports.

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC 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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	03/28/02	NS	NS	NS	NS
MW-1	04/04/02	NS	NS	NS	NS
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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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
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-1	05/22/21	86	2.4	<1.0	<10
DP-01(MW-1)*	05/22/21	37	1.1	<1.0	<10
MW-1	11/14/21	600	<5.0	<5.0	50
DP-01(MW-1)*	11/14/21	780	6.6	<5.0	70
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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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
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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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
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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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
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					

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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-4R	05/22/21	<1.0	<1.0	<1.0	<10
MW-4R	11/14/21	3.0	<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
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-5	05/22/21	1	<1.0	<1.0	<10
MW-5	11/14/21	1.9	<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-6	05/22/21	NS	NS	NS	NS
MW-6	08/22/21	NS	NS	NS	NS
MW-6	11/14/21	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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-7	05/22/21	20	<1.0	<1.0	<10
MW-7	11/14/21	1.7	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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-8	03/17/21	NS	NS	NS	NS
MW-8	05/22/21	NS	NS	NS	NS
MW-8	08/22/21	NS	NS	NS	NS
MW-9	10/14/16	12	8.1	4.6	34
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-9	05/22/21	<1.0	<1.0	<1.0	<10
MW-9	11/14/21	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-10	05/22/21	<1.0	<1.0	<1.0	<10
MW-10	11/14/21	<1.0	<1.0	<1.0	<10
MW-11	10/14/16	<1.0	<5.0	1.3	9.7

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Fields A#7A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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
MW-11	05/22/21	<1.0	<1.0	<1.0	<10
MW-11	11/14/21	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 in 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 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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
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

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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
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-1	05/22/21	6085.98	ND	32.67		6053.31
MW-1	11/14/21	6085.98	ND	32.85		6053.13
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						

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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
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

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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
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

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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
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-4R	05/22/21	6084.43	ND	34.88		6049.55
MW-4R	11/14/21	6084.43	ND	35.10		6049.33
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-5	05/22/21	6081.99	ND	29.95		6052.04
MW-5	11/14/21	6081.99	ND	30.10		6051.89
MW-6	10/14/16	6081.99	ND	29.78		6052.21
MW-6	06/06/17	6081.99	ND	29.37		6052.62

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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-6	05/22/21	6081.99	31.87	32.45	0.58	6049.98
MW-6	08/22/21	6081.99	32.04	32.15	0.11	6049.92
MW-6	11/14/21	6081.99	32.02	32.88	0.86	6049.76
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-7	05/22/21	6082.19	ND	29.40		6052.79
MW-7	11/14/21	6082.19	ND	29.56		6052.63
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-8	03/17/21	6082.28	29.44	29.47	0.03	6052.83
MW-8	05/22/21	6082.28	29.60	29.71	0.11	6052.65
MW-8	08/22/21	6082.28	29.75	29.75	<0.01	6052.53
MW-8	11/14/21	6082.28	29.81	29.90	0.09	6052.38
MW-9	10/14/16	6082.35	ND	27.37		6054.98
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

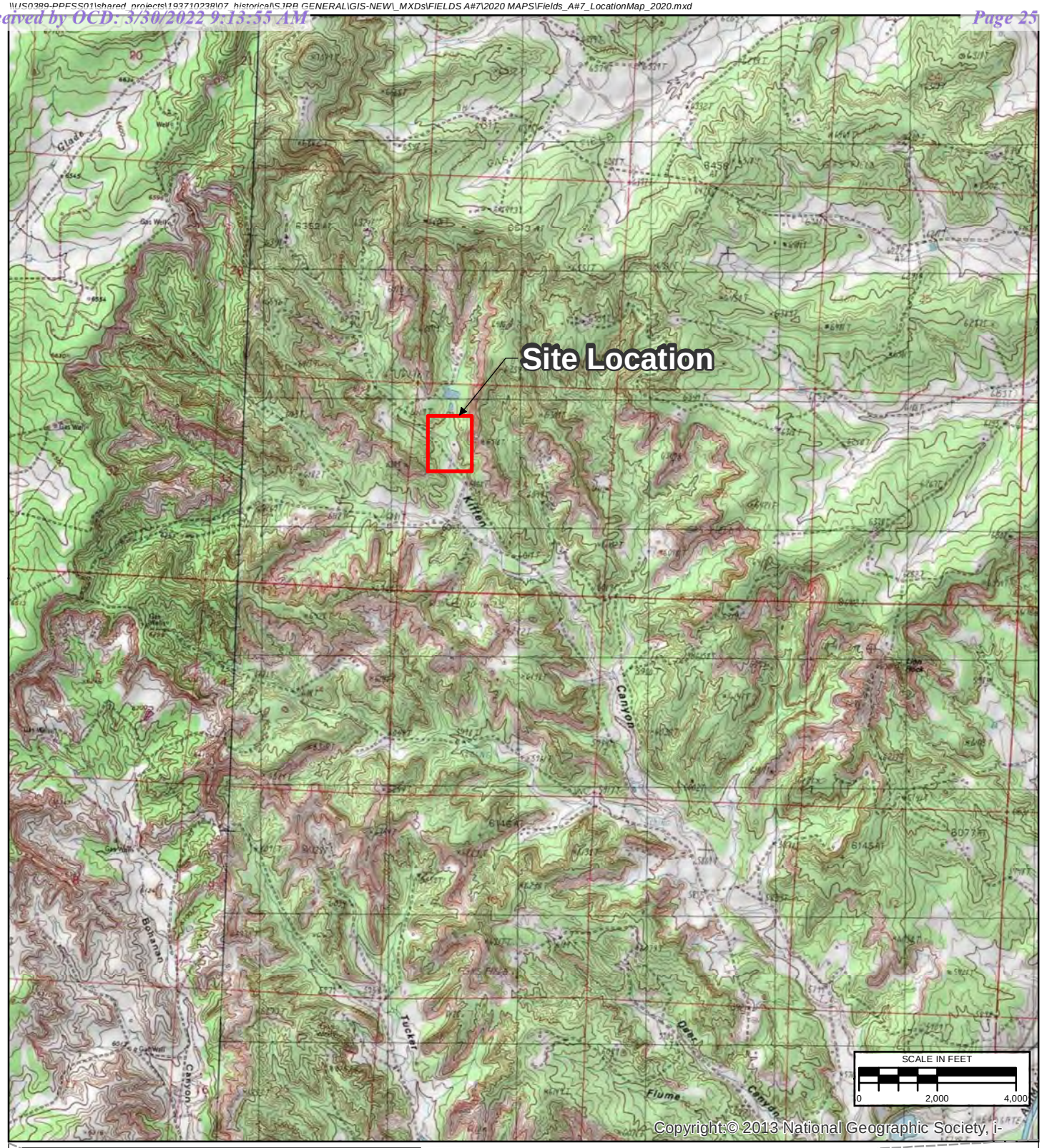
TABLE 3 - GROUNDWATER ELEVATION RESULTS

Fields A#7A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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-9	05/22/21	6082.35	ND	29.10		6053.25
MW-9	11/14/21	6082.35	ND	29.28		6053.07
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-10	05/22/21	6086.17	ND	32.85		6053.32
MW-10	11/14/21	6086.17	ND	33.03		6053.14
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
MW-11	05/22/21	6085.79	ND	32.13		6053.66
MW-11	11/14/21	6085.79	ND	32.29		6053.50

BPMW-2	05/22/21	Unk.	NR	NR	0.08	Unk.
BPMW-2	08/22/21	Unk.	26.81	33.64	6.83	Unk.

Notes:
"ft" = feet
"TOC" = Top of Casing
"LNAPL" = Light non-aqueous phase liquid
"ND" = LNAPL not detected
"Unk." = Elevation Unknown
"NR" = 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)

FIGURES



N

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

TITLE
SITE LOCATION

Stantec

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

FIGURE
1

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\FIELDS A#7\2020 MAPS\Fields_A#7_SITEMAP_2020.mxd

TELEPHONE BOX
BPBH#1
SEPARATOR TANK
COMPRESSOR
FORMER 95 BBL BGT (REMOVED 09/2012)
TANK PIT, (BP)
PROD TANK, (BP)
COMPR., (BP)
T-1(BP)
TANK
FORMER BERM AND FENCE (REMOVED 09/2012)
TANK
TH-1(BP)
SMA BENCHMARK ELEV. 6082.52' NAD 83 NAVD 88 STATE PLANE COORDINATE SYSTEM NEW MEXICO WEST
FORMER COMPRESSOR (2005-2011)
SEP., (BP)
EXCAVATION PERIMETER 60FT. X 32 FT. X 13 FT. APR - MAY 2004, (BP)
FORMER COMPRESSOR (REMOVED 2005)
TANK FILL
APPARENT DISTURBED AREA (08/2009)
FORMER SEPARATOR (2005-2011)
UNKNOWN PIT (TESTED 3/29/04), (BP)
PZ-1
MW-10
FORMER BELOW GROUND TANK (BGT) (REMOVED 2005)
BPMW#1A
BPBH#2
APPARENT DISTURBED AREA (08/2009)
PZ-4
MW-11
FORMER DEHYDRATOR PIT (CLOSED 3/29/04), (BP)
BPMW#2 (VENT WELL)
MW-8
PZ-2
MW-1
FORMER DEHYDRATOR (REMOVED 2005)
FORMER EPC PIT - EXCAVATED APPROXIMATELY 12 FEET DEEP
SB-2
SB-1
FORMER BELOW GRADE TANK (REMOVED 2005)
FORMER DEHYDRATOR (REMOVED 2005)
MW-7
MW-9
METER HOUSE
WELLHEAD
MW-6
SEPARATOR PIT (CLOSED 3/24/04), (BP)
MW-5
PZ-3
BPMW#1
MW-2
MW-3
MW-4R
FORMER METER HOUSE (REMOVED 2005)
PZ-5
MW-4
WASH
Underground Electric Box
BPMW#3

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)
- UKN — UKN UNKNOWN LINE
- UE — UE UNDERGROUND ELECTRIC
- PIPELINE
- COMMUNICATION
- BLM RIGHT OF WAY BOUNDARY
- HISTORICAL FEATURE

NOTES:

UTILITY LOCATIONS ARE APPROXIMATE

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2/20/2021	SLG	SLG	SV

TITLE:

SITE PLAN

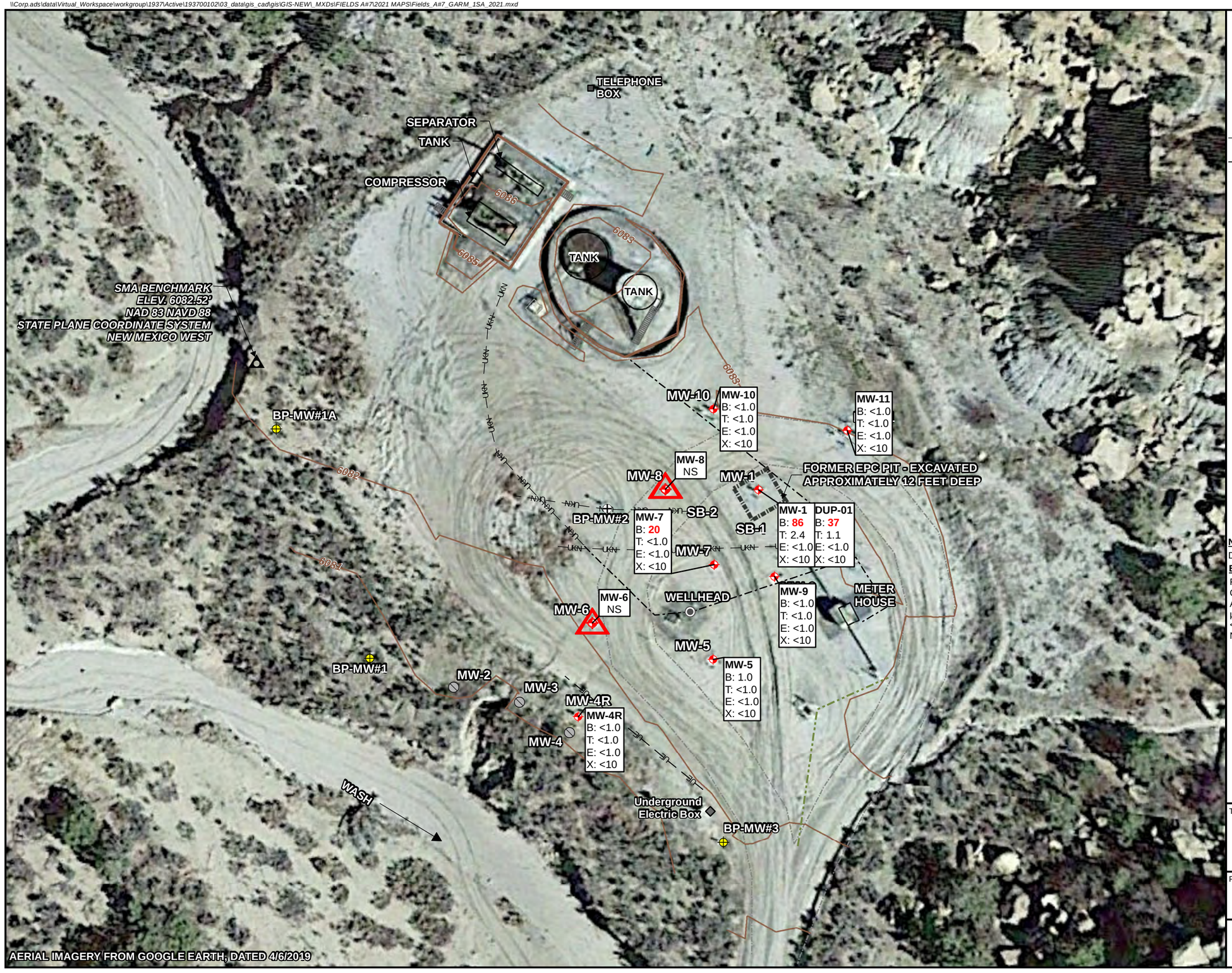
PROJECT:

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

Stantec

Figure No.: 2

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\FIELDS A#7\2021 MAPS\Fields_A#7_GARM_1SA_2021.mxd



LEGEND:

- 6082 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UKN — UKN — UNKNOWN LINE
- UE — UE — 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:

DUP = FIELD DUPLICATE SAMPLE

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
µg/L = MICROGRAMS PER LITER
<1 = BELOW REPORTING LIMIT
NS = NOT SAMPLED

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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2022-01-24	SAH	SAH	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 22, 2021

PROJECT:

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

Stantec

Figure No.: **3**

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\FIELDS A#7\2021 MAPS\Fields_A#7_GECM_1SA_2021 .mxd

LEGEND:

- 6082 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UKN UKN UNKNOWN LINE
- UE UE 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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-01-24	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 22, 2021

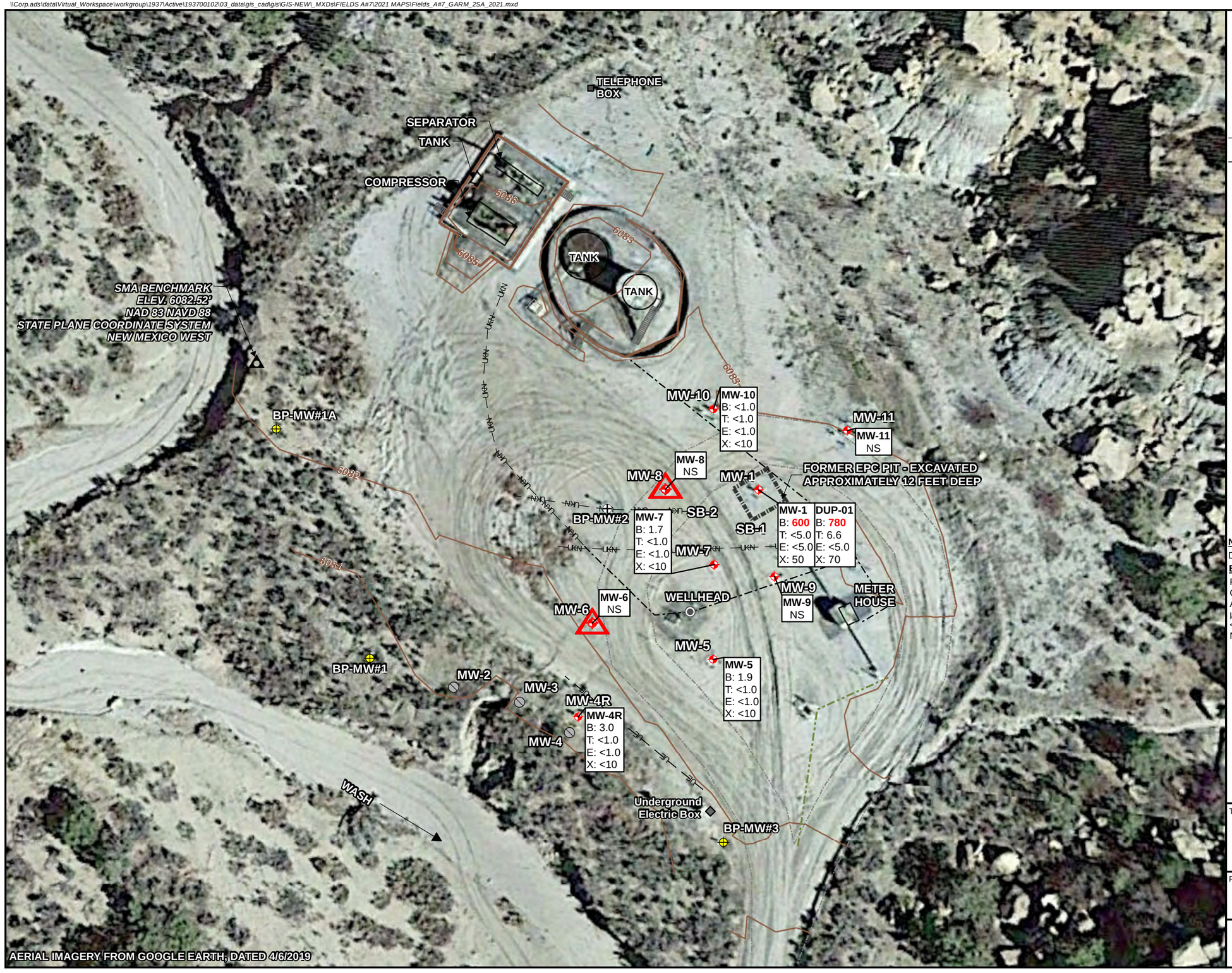
PROJECT:

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

Stantec

Figure No.: **4**

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\FIELDS A#7\2021 MAPS\Fields_A#7_GARM_2SA_2021.mxd



LEGEND:

- 6082 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UKN — UKN — UNKNOWN LINE
- UE — UE — 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:

DUP = FIELD DUPLICATE SAMPLE

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
µg/L = MICROGRAMS PER LITER
<1 = BELOW REPORTING LIMIT
NS = NOT SAMPLED

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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2022-01-24	SAH	SAH	SV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 14, 2021

PROJECT:

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

Stantec

Figure No.: **5**

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\FIELDS A#7\2021 MAPS\Fields_A#7_GECM_2SA_2021.mxd

LEGEND:

- 6082 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UKN UKN UNKNOWN LINE
- UE UE 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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-01-24	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 14, 2021

PROJECT:

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

Stantec

Figure No.: 6

APPENDICES

APPENDIX A – NOTIFICATIONS OF SAMPLING ACTIVITIES

APPENDIX B – WASTE WATER DISPOSAL DOCUMENTATION

APPENDIX C – GROUNDWATER ANALYTICAL LABORATORY REPORTS

APPENDIX A

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: Thursday, March 11, 2021 10:49:41 AM

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	03/18/2021
Fields A#7A	Unknown	3RP-170-0	03/17/2021
Fogelson 4-1	Unknown	3RP-068-0	03/17/2021
Gallegos Canyon Unit #124E	NAUTOFAB000205	3RP-407-0	03/17/2021
James F. Bell #1E	Unknown	3RP-196-0	03/17/2021
Johnston Fed #4	Unknown	3RP-201-0	03/18/2021
Johnston Fed #6A	Unknown	3RP-202-0	03/18/2021
K27 LDO72	Unknown	3RP-204-0	03/18/2021
Knight #1	Unknown	3RP-207-0	03/17/2021
Lateral L 40 Line Drip	Unknown	3RP-212-0	03/18/2021
State Gas Com N #1	Unknown	3RP-239-0	03/17/2021

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

Thank you,
Steve

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

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, May 12, 2021 2:45:52 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	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	05/19/2021
Fields A#7A	nAUTOfAB000176	05/22/2021
Fogelson 4-1	nAUTOfAB000192	05/22/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	05/21/2021
GCU Com A #142E	nAUTOfAB000219	05/21/2021
James F. Bell #1E	nAUTOfAB000291	05/23/2021
Johnston Fed #4	nAUTOfAB000305	05/18/2021
Johnston Fed #6A	nAUTOfAB000309	05/18/2021
K27 LDO72	nAUTOfAB000316	05/19/2021
Knight #1	nAUTOfAB000324	05/21/2021
Lateral L 40 Line Drip	nAUTOfAB000335	05/23/2021
Miles Fed #1A	nAUTOfAB000391	05/19/2021
Sandoval GC A #1A	nAUTOfAB000635	05/18/2021
Standard Oil Com #1	nAUTOfAB000666	05/19/2021
State Gas Com N #1	nAUTOfAB000668	05/22/2021

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

Thank you,
Steve

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

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Bcc: Varsa, Steve
Subject: El Paso CGP Company - Notice of upcoming free product recovery activities
Date: Thursday, August 19, 2021 8:01:00 AM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming quarterly product recovery activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Fields A#7A	nAUTOfAB000176	08/22/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	08/23/2021
Johnston Fed #4	nAUTOfAB000305	08/22/2021
K27 LDO72	nAUTOfAB000316	08/23/2021
Knight #1	nAUTOfAB000324	08/23/2021
Lateral L 40 Line Drip	nAUTOfAB000335	08/22/2021

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
Note – we have moved!
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, November 03, 2021 10:14:55 AM

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	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	11/11/2021
Fields A#7A	nAUTOfAB000176	11/14/2021
Fogelson 4-1	nAUTOfAB000192	11/14/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/12/2021
GCU Com A #142E	nAUTOfAB000219	11/12/2021
James F. Bell #1E	nAUTOfAB000291	11/13/2021
Johnston Fed #4	nAUTOfAB000305	11/15/2021
Johnston Fed #6A	nAUTOfAB000309	11/15/2021
K27 LDO72	nAUTOfAB000316	11/11/2021
Knight #1	nAUTOfAB000324	11/12/2021
Lateral L 40 Line Drip	nAUTOfAB000335	11/13/2021
Miles Fed #1A	nAUTOfAB000391	11/11/2021
Sandoval GC A #1A	nAUTOfAB000635	11/15/2021
Standard Oil Com #1	nAUTOfAB000666	11/11/2021
State Gas Com N #1	nAUTOfAB000668	11/14/2021

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

Thank you,
Steve

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

APPENDIX B

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

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

NO. 806693
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 03-17-21
GENERATOR: Santec
HAULING CO. Energy Minerals and Natural Res
ORDERED BY: Steven Berrsey

DEL. TKT#.
BILL TO: Santec
DRIVER: Tyrone
(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		Blanco Gas Plant	1	,70			,70	
2		San Juan River Gas Plant						21 MAR 17 6:28PM
3		7 locations, GCU Mesa						
4		James F. Bell, Knight #1, State Gas Com N#1 Fields A#7A, Rycisa #4-1						
5								

I, [illegible] representative or authorized agent for [illegible] do hereby

DATE 5.23.21 DEL. TKT#.

GENERATOR: El Paso CGP Company L.L.C BILL TO:

HAULING CO. Oil Conservation Division DRIVER:

ORDERED BY: (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	#	Fidlis #7A						
2		State Gas Com N #1						
3		Fogelson 4-1						
4		Lat L 40						
5		James F. Bell #1E	1	.70			'21 MAY 23 4:31 #0.70	

I, Jim H Cleary, 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 ☐ Denied ATTENDANT SIGNATURE

SAN JUAN PRINTING 2020 1973-1

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. 813739

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DATE 8-25-21

GENERATOR: El Paso CGP

HAULING CO. San Stanley

ORDERED BY: Tom W.

DEL. TKT#.

BILL TO: El Paso CGP

DRIVER: Sarah

(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		Fields A 7A	1	70				
2		Johnston Fed #4	1					
3		Lat. L 40	1				2.10	
4								
5								

representative or authorized agent for El Paso CGP Company

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. 817612

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DATE 11-15-21

GENERATOR: El paso CGP

HAULING CO. Stantech

ORDERED BY: Joe wiley

DEL. TKT#.

BILL TO: El paso CGP

DRIVER: Sean C.
(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		State gas com N #1	1	70			70 NOV 15 3:47 PM	
2		Ficks A #7A, Fogelson #4						
3		Johnston Fed #4, Johnston Fed #4A						
4		Sandoval GC A #1A						
5								

I, Sean T Clay, 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 ☐ Denied ATTENDANT SIGNATURE _____

SAN JUAN PRINTING 2020 1973-1

APPENDIX C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-203814-1
Client Project/Site: Fields A#7A

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
6/7/2021 9:16:48 PM

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

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Laboratory Job ID: 400-203814-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

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
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: Fields A#7A

Job ID: 400-203814-1

Job ID: 400-203814-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-203814-1

Comments
No additional comments.

Receipt
The samples were received on 5/25/2021 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0º 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: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: TB-01 — Lab Sample ID: 400-203814-1

No Detections.

Client Sample ID: DUP-01 — Lab Sample ID: 400-203814-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	37		1.0		ug/L	1		8260C	Total/NA
Toluene	1.1		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 400-203814-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	86		1.0		ug/L	1		8260C	Total/NA
Toluene	2.4		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-4R — Lab Sample ID: 400-203814-4

No Detections.

Client Sample ID: MW-5 — Lab Sample ID: 400-203814-5

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

Client Sample ID: MW-7 — Lab Sample ID: 400-203814-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	20		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 400-203814-7

No Detections.

Client Sample ID: MW-10 — Lab Sample ID: 400-203814-8

No Detections.

Client Sample ID: MW-11 — Lab Sample ID: 400-203814-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-203814-1	TB-01	Water	05/22/21 07:00	05/25/21 09:35	
400-203814-2	DUP-01	Water	05/22/21 09:50	05/25/21 09:35	
400-203814-3	MW-1	Water	05/22/21 08:50	05/25/21 09:35	
400-203814-4	MW-4R	Water	05/22/21 09:09	05/25/21 09:35	
400-203814-5	MW-5	Water	05/22/21 09:19	05/25/21 09:35	
400-203814-6	MW-7	Water	05/22/21 09:26	05/25/21 09:35	
400-203814-7	MW-9	Water	05/22/21 09:36	05/25/21 09:35	
400-203814-8	MW-10	Water	05/22/21 09:39	05/25/21 09:35	
400-203814-9	MW-11	Water	05/22/21 09:45	05/25/21 09:35	

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: TB-01

Date Collected: 05/22/21 07:00
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-1

Matrix: Water

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			06/04/21 15:06	1
Toluene	<1.0		1.0		ug/L			06/04/21 15:06	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 15:06	1
Xylenes, Total	<10		10		ug/L			06/04/21 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*06/04/21 15:06*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*06/04/21 15:06*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/04/21 15:06*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: DUP-01

Date Collected: 05/22/21 09:50
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**37**		1.0		ug/L			06/04/21 16:21	1
Toluene	**1.1**		1.0		ug/L			06/04/21 16:21	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 16:21	1
Xylenes, Total	<10		10		ug/L			06/04/21 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*78 - 118*		*06/04/21 16:21*	*1*
Dibromofluoromethane	*100*		*81 - 121*		*06/04/21 16:21*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/04/21 16:21*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-1

Date Collected: 05/22/21 08:50
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**86**		1.0		ug/L			06/04/21 16:57	1
Toluene	**2.4**		1.0		ug/L			06/04/21 16:57	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 16:57	1
Xylenes, Total	<10		10		ug/L			06/04/21 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*06/04/21 16:57*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*06/04/21 16:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 16:57*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-4R

Date Collected: 05/22/21 09:09
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-4

Matrix: Water

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			06/04/21 17:22	1
Toluene	<1.0		1.0		ug/L			06/04/21 17:22	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 17:22	1
Xylenes, Total	<10		10		ug/L			06/04/21 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*06/04/21 17:22*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*06/04/21 17:22*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 17:22*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-5

Date Collected: 05/22/21 09:19
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-5

Matrix: Water

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			06/04/21 17:48	1
Toluene	<1.0		1.0		ug/L			06/04/21 17:48	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 17:48	1
Xylenes, Total	<10		10		ug/L			06/04/21 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*06/04/21 17:48*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*06/04/21 17:48*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 17:48*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-7

Date Collected: 05/22/21 09:26
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-6

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**20**		1.0		ug/L			06/04/21 18:13	1
Toluene	<1.0		1.0		ug/L			06/04/21 18:13	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 18:13	1
Xylenes, Total	<10		10		ug/L			06/04/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*06/04/21 18:13*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*06/04/21 18:13*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 18:13*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-9

Date Collected: 05/22/21 09:36
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-7

Matrix: Water

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			06/04/21 18:38	1
Toluene	<1.0		1.0		ug/L			06/04/21 18:38	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 18:38	1
Xylenes, Total	<10		10		ug/L			06/04/21 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*78 - 118*		*06/04/21 18:38*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*06/04/21 18:38*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 18:38*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-10

Date Collected: 05/22/21 09:39
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-8

Matrix: Water

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			06/04/21 19:03	1
Toluene	<1.0		1.0		ug/L			06/04/21 19:03	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 19:03	1
Xylenes, Total	<10		10		ug/L			06/04/21 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*06/04/21 19:03*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*06/04/21 19:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/04/21 19:03*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-11

Date Collected: 05/22/21 09:45
Date Received: 05/25/21 09:35

Lab Sample ID: 400-203814-9

Matrix: Water

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			06/04/21 19:28	1
Toluene	<1.0		1.0		ug/L			06/04/21 19:28	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 19:28	1
Xylenes, Total	<10		10		ug/L			06/04/21 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*06/04/21 19:28*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*06/04/21 19:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/04/21 19:28*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

GC/MS VOA

Analysis Batch: 534358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-203814-1	TB-01	Total/NA	Water	8260C	
400-203814-2	DUP-01	Total/NA	Water	8260C	
400-203814-3	MW-1	Total/NA	Water	8260C	
400-203814-4	MW-4R	Total/NA	Water	8260C	
400-203814-5	MW-5	Total/NA	Water	8260C	
400-203814-6	MW-7	Total/NA	Water	8260C	
400-203814-7	MW-9	Total/NA	Water	8260C	
400-203814-8	MW-10	Total/NA	Water	8260C	
400-203814-9	MW-11	Total/NA	Water	8260C	
MB 400-534358/4	Method Blank	Total/NA	Water	8260C	
LCS 400-534358/1002	Lab Control Sample	Total/NA	Water	8260C	
400-203867-A-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-203867-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

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

Lab Sample ID: MB 400-534358/4
Matrix: Water
Analysis Batch: 534358

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			06/04/21 09:39	1
Toluene	<1.0		1.0		ug/L			06/04/21 09:39	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/21 09:39	1
Xylenes, Total	<10		10		ug/L			06/04/21 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*06/04/21 09:39*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*06/04/21 09:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/04/21 09:39*	*1*

Lab Sample ID: LCS 400-534358/1002
Matrix: Water
Analysis Batch: 534358

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	47.4		ug/L		95	70 - 130		
Toluene			50.0	43.7		ug/L		87	70 - 130		
Ethylbenzene			50.0	45.9		ug/L		92	70 - 130		
Xylenes, Total			100	92.1		ug/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*101*		*81 - 121*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 400-203867-A-1 MS
Matrix: Water
Analysis Batch: 534358

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	50.8		ug/L		102	56 - 142		
Toluene	<1.0		50.0	44.9		ug/L		90	65 - 130		
Ethylbenzene	<1.0		50.0	46.4		ug/L		93	58 - 131		
Xylenes, Total	<10		100	94.0		ug/L		94	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*102*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-203867-A-1 MSD
Matrix: Water
Analysis Batch: 534358

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	48.0		ug/L		96	56 - 142	6	30
Toluene	<1.0		50.0	39.7		ug/L		79	65 - 130	12	30
Ethylbenzene	<1.0		50.0	39.4		ug/L		79	58 - 131	16	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

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

Lab Sample ID: 400-203867-A-1 MSD
Matrix: Water
Analysis Batch: 534358

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	79.4		ug/L		79	59 - 130	17	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: TB-01
Lab Sample ID: 400-203814-1
Date Collected: 05/22/21 07:00
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 15:06	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: DUP-01
Lab Sample ID: 400-203814-2
Date Collected: 05/22/21 09:50
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 16:21	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-1
Lab Sample ID: 400-203814-3
Date Collected: 05/22/21 08:50
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 16:57	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-4R
Lab Sample ID: 400-203814-4
Date Collected: 05/22/21 09:09
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 17:22	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-5
Lab Sample ID: 400-203814-5
Date Collected: 05/22/21 09:19
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 17:48	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-7
Lab Sample ID: 400-203814-6
Date Collected: 05/22/21 09:26
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 18:13	BEP	TAL PEN
	Instrument ID: Curie									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

Client Sample ID: MW-9

Lab Sample ID: 400-203814-7

Date Collected: 05/22/21 09:36
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 18:38	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-10

Lab Sample ID: 400-203814-8

Date Collected: 05/22/21 09:39
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 19:03	BEP	TAL PEN
	Instrument ID: Curie									

Client Sample ID: MW-11

Lab Sample ID: 400-203814-9

Date Collected: 05/22/21 09:45
Matrix: Water
Date Received: 05/25/21 09:35

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	534358	06/04/21 19:28	BEP	TAL PEN
	Instrument ID: Curie									

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: Fields A#7A

Job ID: 400-203814-1

Laboratory: Eurofins TestAmerica, Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-21
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-02-21
California	State	2510	06-30-21
Florida	NELAP	E81010	06-30-21
Georgia	State	E81010(FL)	06-30-21
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-21
Michigan	State	9912	06-30-21
New Jersey	NELAP	FL006	06-30-21
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-21
Tennessee	State	TN02907	06-30-21
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-22
West Virginia DEP	State	136	06-30-21

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-203814-1

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

Chain of Custody Record

400-203814 COC

eurofins | Environment Testing America

Client Information	Sampler: SRE, MW	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-102799-36534.1
Client Contact: Steve Varsa	Phone: 913-980-0291	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Stantec Consulting Services Inc	PWSID:			Job #:
Address: 11153 Aurora Avenue	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Des Moines	TAT Requested (days): STD			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No			
Phone: 303-291-2239(Tel)	PO #: See Project Notes			Other:
Email: steve.varsa@stantec.com	WO #:			
Project Name: Fields A#7A.00	Project #: 40005479			
Site:	SSOW#:			

W-ERH-STN-05-06-21
SRE-02

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	8260C - (MOD) BTEX 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
TB-01	5/22/2021	0700	G	Water			2	2	Trip Blank
DUP-01	5/22/2021	0950	G	Water			3	3	Duplicate
MW-1	5/22/2021	0850	G	Water			3	3	
MW-4R	5/22/2021	0909	G	Water			3	3	
MW-5	5/22/2021	0919	G	Water			3	3	
MW-7	5/22/2021	0926	G	Water			3	3	
MW-9	5/22/2021	0936	G	Water			3	3	
MW-10	5/22/2021	0939	G	Water			3	3	
MW-11	5/22/2021	0945	G	Water			3	3	
				Water					
				Water					

SRE

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Sue N Clay	5/24/2021 0800	STN	Fedex	5/24/2021 0800	Fedex
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					5/25/21 935	EHA PM
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0°C IR7

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-203814-1

Login Number: 203814 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Perez, Trina M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-211298-1
Client Project/Site: Fields A#7A

For:
Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Cheyenne Whitmire

Authorized for release by:
11/30/2021 11:52:01 AM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

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: Fields A#7A

Laboratory Job ID: 400-211298-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: Fields A#7A

Job ID: 400-211298-1

Job ID: 400-211298-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-211298-1

Comments
No additional comments.

Receipt
The samples were received on 11/16/2021 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-211298-2) and MW-1 (400-211298-3). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: TB-01 — Lab Sample ID: 400-211298-1

No Detections.

Client Sample ID: DUP-01 — Lab Sample ID: 400-211298-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	780		5.0		ug/L	5		8260C	Total/NA
Toluene	6.6		5.0		ug/L	5		8260C	Total/NA
Xylenes, Total	70		50		ug/L	5		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 400-211298-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	600		5.0		ug/L	5		8260C	Total/NA
Xylenes, Total	50		50		ug/L	5		8260C	Total/NA

Client Sample ID: MW-4R — Lab Sample ID: 400-211298-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	3.0		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 400-211298-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 400-211298-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-10 — Lab Sample ID: 400-211298-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-211298-1	TB-01	Water	11/14/21 12:00	11/16/21 09:10
400-211298-2	DUP-01	Water	11/14/21 13:10	11/16/21 09:10
400-211298-3	MW-1	Water	11/14/21 12:10	11/16/21 09:10
400-211298-4	MW-4R	Water	11/14/21 12:20	11/16/21 09:10
400-211298-5	MW-5	Water	11/14/21 12:29	11/16/21 09:10
400-211298-6	MW-7	Water	11/14/21 12:33	11/16/21 09:10
400-211298-7	MW-10	Water	11/14/21 12:45	11/16/21 09:10

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: TB-01
Date Collected: 11/14/21 12:00
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-1
Matrix: Water

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			11/24/21 17:17	1
Toluene	<1.0		1.0		ug/L			11/24/21 17:17	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 17:17	1
Xylenes, Total	<10		10		ug/L			11/24/21 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*72 - 119*		*11/24/21 17:17*	*1*
Dibromofluoromethane	*107*		*75 - 126*		*11/24/21 17:17*	*1*
Toluene-d8 (Surr)	*106*		*64 - 132*		*11/24/21 17:17*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: DUP-01
Date Collected: 11/14/21 13:10
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-2
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**780**		5.0		ug/L			11/26/21 20:44	5
Toluene	**6.6**		5.0		ug/L			11/26/21 20:44	5
Ethylbenzene	<5.0		5.0		ug/L			11/26/21 20:44	5
Xylenes, Total	**70**		50		ug/L			11/26/21 20:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*72 - 119*		*11/26/21 20:44*	*5*
Dibromofluoromethane	*108*		*75 - 126*		*11/26/21 20:44*	*5*
Toluene-d8 (Surr)	*92*		*64 - 132*		*11/26/21 20:44*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-1
Date Collected: 11/14/21 12:10
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**600**		5.0		ug/L			11/26/21 21:09	5
Toluene	<5.0		5.0		ug/L			11/26/21 21:09	5
Ethylbenzene	<5.0		5.0		ug/L			11/26/21 21:09	5
Xylenes, Total	**50**		50		ug/L			11/26/21 21:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*11/26/21 21:09*	*5*
Dibromofluoromethane	*107*		*75 - 126*		*11/26/21 21:09*	*5*
Toluene-d8 (Surr)	*92*		*64 - 132*		*11/26/21 21:09*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-4R
Date Collected: 11/14/21 12:20
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-4
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.0**		1.0		ug/L			11/24/21 19:53	1
Toluene	<1.0		1.0		ug/L			11/24/21 19:53	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 19:53	1
Xylenes, Total	<10		10		ug/L			11/24/21 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*72 - 119*		*11/24/21 19:53*	*1*
Dibromofluoromethane	*110*		*75 - 126*		*11/24/21 19:53*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/24/21 19:53*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-5
Date Collected: 11/14/21 12:29
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-5
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.9**		1.0		ug/L			11/24/21 20:19	1
Toluene	<1.0		1.0		ug/L			11/24/21 20:19	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 20:19	1
Xylenes, Total	<10		10		ug/L			11/24/21 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*72 - 119*		*11/24/21 20:19*	*1*
Dibromofluoromethane	*108*		*75 - 126*		*11/24/21 20:19*	*1*
Toluene-d8 (Surr)	*106*		*64 - 132*		*11/24/21 20:19*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-7
Date Collected: 11/14/21 12:33
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-6
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.7**		1.0		ug/L			11/24/21 20:45	1
Toluene	<1.0		1.0		ug/L			11/24/21 20:45	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 20:45	1
Xylenes, Total	<10		10		ug/L			11/24/21 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*72 - 119*		*11/24/21 20:45*	*1*
Dibromofluoromethane	*109*		*75 - 126*		*11/24/21 20:45*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*11/24/21 20:45*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-10
Date Collected: 11/14/21 12:45
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-7
Matrix: Water

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			11/24/21 21:11	1
Toluene	<1.0		1.0		ug/L			11/24/21 21:11	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 21:11	1
Xylenes, Total	<10		10		ug/L			11/24/21 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*85*		*72 - 119*		*11/24/21 21:11*	*1*
Dibromofluoromethane	*111*		*75 - 126*		*11/24/21 21:11*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*11/24/21 21:11*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

GC/MS VOA

Analysis Batch: 557183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211298-1	TB-01	Total/NA	Water	8260C	
400-211298-4	MW-4R	Total/NA	Water	8260C	
400-211298-5	MW-5	Total/NA	Water	8260C	
400-211298-6	MW-7	Total/NA	Water	8260C	
400-211298-7	MW-10	Total/NA	Water	8260C	
MB 400-557183/4	Method Blank	Total/NA	Water	8260C	
LCS 400-557183/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211283-B-6 MS	Matrix Spike	Total/NA	Water	8260C	
400-211283-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 557351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211298-2	DUP-01	Total/NA	Water	8260C	
400-211298-3	MW-1	Total/NA	Water	8260C	
MB 400-557351/28	Method Blank	Total/NA	Water	8260C	
LCS 400-557351/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211320-A-3 MS	Matrix Spike	Total/NA	Water	8260C	
400-211320-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

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

Lab Sample ID: MB 400-557183/4
Matrix: Water
Analysis Batch: 557183

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			11/24/21 12:56	1
Toluene	<1.0		1.0		ug/L			11/24/21 12:56	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/21 12:56	1
Xylenes, Total	<10		10		ug/L			11/24/21 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*72 - 119*		*11/24/21 12:56*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*11/24/21 12:56*	*1*
Toluene-d8 (Surr)	*106*		*64 - 132*		*11/24/21 12:56*	*1*

Lab Sample ID: LCS 400-557183/1002
Matrix: Water
Analysis Batch: 557183

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	45.5		ug/L		91	70 - 130		
Toluene			50.0	50.3		ug/L		101	70 - 130		
Ethylbenzene			50.0	56.0		ug/L		112	70 - 130		
Xylenes, Total			100	111		ug/L		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*72 - 119*
Dibromofluoromethane	*106*		*75 - 126*
Toluene-d8 (Surr)	*101*		*64 - 132*

Lab Sample ID: 400-211283-B-6 MS
Matrix: Water
Analysis Batch: 557183

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	51.0		ug/L		102	56 - 142		
Toluene	<1.0		50.0	53.6		ug/L		107	65 - 130		
Ethylbenzene	<1.0		50.0	47.9		ug/L		96	58 - 131		
Xylenes, Total	<10		100	95.8		ug/L		96	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*72 - 119*
Dibromofluoromethane	*104*		*75 - 126*
Toluene-d8 (Surr)	*108*		*64 - 132*

Lab Sample ID: 400-211283-B-6 MSD
Matrix: Water
Analysis Batch: 557183

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	43.4		ug/L		87	56 - 142	16	30
Toluene	<1.0		50.0	47.5		ug/L		95	65 - 130	12	30
Ethylbenzene	<1.0		50.0	47.2		ug/L		94	58 - 131	2	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

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

Lab Sample ID: 400-211283-B-6 MSD
Matrix: Water
Analysis Batch: 557183

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	95.1		ug/L		95	59 - 130	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*72 - 119*
Dibromofluoromethane	*103*		*75 - 126*
Toluene-d8 (Surr)	*105*		*64 - 132*

Lab Sample ID: MB 400-557351/28
Matrix: Water
Analysis Batch: 557351

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			11/26/21 11:59	1
Toluene	<1.0		1.0		ug/L			11/26/21 11:59	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/21 11:59	1
Xylenes, Total	<10		10		ug/L			11/26/21 11:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*72 - 119*		*11/26/21 11:59*	*1*
Dibromofluoromethane	*103*		*75 - 126*		*11/26/21 11:59*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*11/26/21 11:59*	*1*

Lab Sample ID: LCS 400-557351/1002
Matrix: Water
Analysis Batch: 557351

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	44.4		ug/L		89	70 - 130		
Toluene			50.0	40.6		ug/L		81	70 - 130		
Ethylbenzene			50.0	42.8		ug/L		86	70 - 130		
Xylenes, Total			100	85.2		ug/L		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*72 - 119*
Dibromofluoromethane	*103*		*75 - 126*
Toluene-d8 (Surr)	*92*		*64 - 132*

Lab Sample ID: 400-211320-A-3 MS
Matrix: Water
Analysis Batch: 557351

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	42.6		ug/L		84	56 - 142		
Toluene	<1.0		50.0	33.0		ug/L		66	65 - 130		
Ethylbenzene	<1.0		50.0	29.0		ug/L		58	58 - 131		
Xylenes, Total	<10	F1	100	57.8	F1	ug/L		58	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

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

Lab Sample ID: 400-211320-A-3 MS
Matrix: Water
Analysis Batch: 557351

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*72 - 119*
Dibromofluoromethane	*103*		*75 - 126*
Toluene-d8 (Surr)	*91*		*64 - 132*

Lab Sample ID: 400-211320-A-3 MSD
Matrix: Water
Analysis Batch: 557351

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	46.4		ug/L		92	56 - 142	8	30
Toluene	<1.0		50.0	36.3		ug/L		73	65 - 130	10	30
Ethylbenzene	<1.0		50.0	31.6		ug/L		63	58 - 131	9	30
Xylenes, Total	<10	F1	100	63.2		ug/L		63	59 - 130	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*72 - 119*
Dibromofluoromethane	*105*		*75 - 126*
Toluene-d8 (Surr)	*90*		*64 - 132*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: TB-01
Date Collected: 11/14/21 12:00
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	557183	11/24/21 17:17	BPO	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: DUP-01
Date Collected: 11/14/21 13:10
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	5 mL	5 mL	557351	11/26/21 20:44	WPD	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-1
Date Collected: 11/14/21 12:10
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	5 mL	5 mL	557351	11/26/21 21:09	WPD	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-4R
Date Collected: 11/14/21 12:20
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	557183	11/24/21 19:53	BPO	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-5
Date Collected: 11/14/21 12:29
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	557183	11/24/21 20:19	BPO	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-7
Date Collected: 11/14/21 12:33
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	557183	11/24/21 20:45	BPO	TAL PEN
	Instrument ID: CH_TAN									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

Client Sample ID: MW-10
Date Collected: 11/14/21 12:45
Date Received: 11/16/21 09:10

Lab Sample ID: 400-211298-7
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	557183	11/24/21 21:11	BPO	TAL PEN
	Instrument ID: CH_TAN									

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 400-211298-1
Project/Site: Fields A#7A

Laboratory: Eurofins TestAmerica, Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	11-30-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	12-31-21

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Fields A#7A

Job ID: 400-211298-1

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: SRC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-105795-37670.1
Client Contact: Steve Varsa	Phone: 913-980-0281	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Stantec Consulting Services Inc	PWSID:			Job #:
Address: 11311 Aurora Avenue	Due Date Requested:			
City: Des Moines	TAT Requested (days):			
State, Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No			
Phone: 303-291-2239(Tel)	PO #: WD801945			
Email: steve.varsa@stantec.com	WO #:			
Project Name: Fields A#7A.00	Project #: 40005479			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

400-211298 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
SAH-02									
TB-01	11/14/21	1200	G	Water			2	2	Trip Blank
DUP-01	11/14/21	1310	G	Water			3	3	Blind Dup
MW-1	11/14/21	1210	G	Water			3	3	
MW-4R	11/14/21	1220	G	Water			3	3	
MW-5	11/14/21	1229	G	Water			3	3	
MW-7	11/14/21	1233	G	Water			3	3	
MW-10	11/14/21	1245	G	Water			3	3	
				Water					
				Water					

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Sam N Clary	Date/Time: 11/15/21 0600	Company: STN	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by:	Date/Time:	Company
	11-16-21 910	EDA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0-0°C IR9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-211298-1

Login Number: 211298 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Whitley, Adrian

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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 IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 94226

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	7046
	Action Number: 94226
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2021 Annual Groundwater Report: Content satisfactory 1. OCD approves “Planned Future Activities” as stated in report. 2. Submit next annual report to OCD no later than March 31, 2023.	11/23/2022