2022 ANNUAL GROUNDWATER REPORT

James F. Bell #1E
Incident Number: nAUTOfAB000291
Meter Code: 94715
T30N, R13W, Sec10, Unit P

REVIEWED
By Nelson Velez at 11:53 am, May 22, 2023

Review of 2022 Annual Groundwater Report: **Content satisfactory**

1. Proceed with Planned Future Activities as stated in this report.
2. Submit next annual groundwater monitoring report no later than April 1, 2024.

SITE DETAILS

Site Location: Latitude: 36.822568 N, Longitude: -108.187110 W
Land Type: Federal
Operator: Hilcorp Energy

SITE BACKGROUND

Environmental Remediation activities at James F. Bell #1E (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, LLC's (EPCGP's) program methods. Currently, the Site is operated by Hilcorp Energy (Hilcorp) and is active.

The Site is located on Federal land. An initial site assessment was completed in March 1994. Monitoring wells were installed in 1995 (MW-1 through MW-4 and soil borings), 1997 (temporary monitoring wells PZ-01 through PZ-05), 1999 (soil borings), 2016 (MW-5 through MW-12, and SB-1), and 2017 (MW-13 through MW-18). The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells and current and historical site features is provided as Figure 2. Light non-aqueous phase liquid (LNAPL) is present at the site, and recovery has been performed periodically since 1997 including mobile dual-phase extraction (MDPE) events to enhance LNAPL recovery in 2016, 2017, 2018, 2021, and 2022. Soil vapor extraction (SVE) test well SVE-1 was installed in June 2018. Quarterly LNAPL recovery began in the second quarter of 2020 and has continued through 2022. Groundwater sampling is being conducted on a semi-annual basis.

GROUNDWATER MONITORING ACTIVITIES

Pursuant to the Remediation Plan, Stantec Consulting Services Inc. (Stantec) provided field work notifications via email to the NMOCD on May 12, 2022 and October 26, 2022, prior to initiating groundwater sampling activities at the Site. Copies of the 2022 NMOCD notifications are provided in Appendix A.

On May 18 and November 3, 2022, water levels were gauged at MW-1 through MW-18. In May and November 2022, groundwater samples were collected from monitoring wells MW-5, MW-6, and MW-12 through MW-18. Groundwater samples were not collected from monitoring wells MW-1, MW-7, MW-8, MW-10, and MW-11 during either sampling event due to the presence of LNAPL. Samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event using a suspension tether and stainless-steel weights. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the well screen.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC (Eurofins) in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX). One laboratory supplied trip blank and one blind field duplicate were also collected for every 15 primary samples during each groundwater sampling event. The groundwater samples, field duplicates,

and trip blanks were analyzed using United States Environmental Protection Agency (EPA) Method 8260.

The unused sample water was combined in a waste container and transported to Envirotech, Inc. (Envirotech), located south of Bloomfield, NM for disposal. Waste disposal documentation is provided in 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 LNAPL recovery activities in 2022 is provided in Appendix A. LNAPL was observed in MW-1, MW-7, MW-8, MW-10, and MW-11 during the May and November 2023 sampling events, and March and July LNAPL recovery events.

The LNAPL recovery data is summarized on Table 1. LNAPL was recovered by hand-bailing from MW-1, MW-7, MW-8, MW-10, and MW-11 during the site visits in March, May, July, and November. 2022. As summarized below, LNAPL was recovered from MW-1 and MW-8 by MPDE during the August 2022 site visit. During the groundwater sampling site visits in May and November, the recovered LNAPL was containerized with wastewater generated during the monitoring well sampling activities and transported to Envirotech for disposal. Recovered LNAPL from the March site visit was transported to Basin Disposal, Inc. in Bloomfield, NM for disposal. Recovered LNAPL from the July and August site visits was transported for disposal at Envirotech (Appendix B).

MDPE events were completed on August 29 and 30, 2022, by AcuVac Remediation, LLC (AcuVac). The NMOCD was notified on July 18, 2022, of the planned schedule for MDPE activities. Copies of the 2022 NMOCD notifications are provided in Appendix A. The purpose of the MDPE events was to enhance free product recovery from monitoring wells MW-1 and MW-8.

MDPE is a process combining SVE with groundwater depression to enhance the removal of liquid and vapor phase hydrocarbons. A submersible pump is used to simultaneously remove groundwater, inducing a hydraulic gradient toward the extraction well, and creating groundwater depression to expose the hydrocarbon smear zone to SVE. Recovered liquids were transferred to a portable storage tank for off-site disposal. Recovered vapors were used as fuel in the MDPE internal combustion engine (ICE) to generate power for the vacuum pump, resulting in little to no emissions.

In August 2022 two 10-hour MDPE events were completed, one using MW-1 as an extraction well on August 29, 2022, and a second using MW-8 as an extraction well on August 30, 2022. Based on field data collected by AcuVac, approximately 18.2 gallons of LNAPL were recovered from MW-1, and approximately 12.9 gallons of LNAPL were recovered from MW-8 during the 2022 MDPE events. AcuVac's report summarizing the MDPE events at the Site is presented as Appendix C.

Recovered fluids from the MDPE events were transported to Envirotech for disposal. Waste disposal documentation is included as Appendix B.

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SUMMARY TABLES

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

SITE MAPS

Groundwater analytical maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2022 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix D.

GROUND WATER RESULTS

- The groundwater flow direction in 2022 was generally to the north-northwest at the Site (see Figures 4 and 6).
- LNAPL was observed in monitoring wells MW-1, MW-7, MW-8, MW-10, and MW-11 during both 2022 sampling events. No groundwater samples were collected from monitoring wells containing measurable product.
- At least one groundwater sample collected in 2022 from MW-5, MW-6, and MW-14 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 remaining groundwater samples collected from the site wells in 2022.
- Toluene was either below the NMWQCC standard (750 µg/L) or was not detected in groundwater samples collected from the site wells in 2022.
- Ethylbenzene was either not detected or was detected below the NMWQCC standard (750 µg/L) for ethylbenzene in groundwater in samples collected from site wells in 2022.
- Groundwater samples collected in May and November 2022 from MW-6 exceeded the NMWQCC standard (620 µg/L) for total xylenes in groundwater. Total xylenes were either below the NMWQCC standard or were not detected in the remaining samples collected from site monitoring wells in 2022.
- A field duplicate was collected from monitoring well MW-5 during the May and November event. No significant differences were noted between the primary and the duplicate groundwater samples except for the toluene concentrations in the May event that had the following results: MW-5 primary sample at 6.2 µg/L and MW-5 duplicate sample at 3.6 µg/L.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2022 groundwater monitoring events.

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PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will continue to be conducted on a semi-annual basis. As site closure is not being recommended at this time, groundwater samples will be collected from key monitoring wells not containing LNAPL on a semi-annual basis and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event. Sampling of all site monitoring wells is conducted on a biennial basis, with the next site-wide sampling event to be conducted in the fourth calendar quarter of 2024.

Quarterly site visits will continue at the Site in 2023 to facilitate removal of measurable LNAPL where it is present. Follow-up correspondence will be provided to NMOCD once the date of this work is scheduled.

The activities conducted in 2023, and their results, will be summarized in the 2023 Annual Report, to be submitted by April 1, 2024.

TABLES

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

James F. Bell #1E

Location	Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
MW-1	4/15/2016	27.09	27.51	0.42	0.50	0.28	Manual
MW-1	5/23/2016	27.12	27.49	0.37	0.13	<0.01	Manual
MW-1	6/16/2016	NM	NM	0.44	0.19	0.03	Manual
MW-1	7/16/2016	NM	NM	0.33	0.30	0.03	Manual
MW-1	8/17/2016	26.9	27.15	0.25	0.03	<0.01	Manual
MW-1	9/24/2016	NM	NM	0.11	0.07	<0.01	Manual
MW-1	10/11/2016	26.82	26.90	0.08	0.05	<0.01	Manual
MW-1	11/14/2016	26.98	27.00	0.02	<0.01	<0.01	Manual
MW-1	12/2/2016	26.79	26.84	0.05	14.9	21	Mobile DPE*
MW-1	12/13/2016	27.00	27.33	0.33	0.48	0.01	Manual
MW-1	6/10/2017	26.46	26.50	0.04	<0.01	<0.01	Manual
MW-1	7/11/2017	ND	23.61	0	82.3	207	Mobile DPE*
MW-1	5/7/2018	26.58	26.67	0.09	10.7	63	Mobile DPE*
MW-1	5/19/2018	26.54	26.61	0.07	<0.01	<0.01	Manual
MW-1	7/11/2018	26.72	26.86	0.14	22.2	76	Mobile DPE*
MW-1	10/29/2018	26.75	26.94	0.19	<0.01	<0.01	Manual
MW-1	5/20/2019	27.5	27.7	0.20	<0.01	0.02	Manual
MW-1	11/11/2019	27.25	27.97	0.72	0.87	0.66	Manual
MW-1	5/16/2020	27.47	28.70	1.23	1.41	0.61	Manual
MW-1	8/18/2020	27.56	28.80	1.24	1.42	0.49	Manual
MW-1	11/15/2020	27.60	28.80	1.20	1.61	0.45	Manual
MW-1	3/17/2021	NM	NM	1.18	1.06	0.08	Manual
MW-1	5/23/2021	27.94	29.39	1.45	2.23	0.38	Manual
MW-1	8/28/2021	28.03	29.39	1.36	14.5	8.5	Mobile DPE*
MW-1	11/13/2021	28.05	29.36	1.31	1.66	0.48	Manual
MW-1	3/22/2022	28.33	29.62	1.29	0.12	0.11	Manual
MW-1	5/18/2022	28.34	29.80	1.46	2.21	0.11	Manual
MW-1	7/29/2022	28.43	29.83	1.40	2.01	0.64	Manual
MW-1	8/29/2022	28.48	30.16	1.68	18.19	3.73	Mobile DPE*
MW-1	8/30/2022	30.63	32.01	1.38	1.32	0.03	Manual
MW-1	11/3/2022	28.35	30.58	2.23	1.12	3.40	Manual
				TOTAL:	181.54	386.986	
MW-7	10/29/2018	25.32	25.40	0.08	<0.01	<0.01	Manual
MW-7	5/20/2019	23.93	24.50	0.57	<0.01	<0.01	Manual
MW-7	5/16/2020	24.06	24.88	0.82	0.23	0.32	Manual
MW-7	8/18/2020	24.42	24.51	0.09	0.02	0.22	Manual
MW-7	11/15/2020	24.34	24.46	0.12	<0.01	0.07	Manual
MW-7	3/17/2021	NM	NM	NM	<0.01	0.24	Manual
MW-7	5/23/2021	24.75	24.79	0.04	<0.01	0.03	Manual
MW-7	8/28/2021	25.10	25.12	0.02	<0.01	0.03	Manual
MW-7	3/22/2022	25.14	25.16	0.02	<0.01	0.06	Manual
MW-7	5/18/2022	25.12	25.14	0.02	<0.01	0.05	Manual
MW-7	7/29/2022	25.20	25.22	0.02	<0.01	0.03	Manual
MW-7	11/3/2022	25.12	25.13	0.01	<0.01	0.11	Manual
				TOTAL:	0.25	1.16	
MW-8	10/11/2016	22.51	22.76	0.25	0.05	<0.01	Manual
MW-8	11/14/2016	22.48	22.60	0.12	<0.01	<0.01	Manual
MW-8	12/2/2016	22.48	22.89	0.41	0	0	No Recovery**
MW-8	12/3/2016	22.44	22.89	0.45	8.1	45	Mobile DPE*
MW-8	6/10/2017	22.05	22.08	0.03	<0.01	<0.01	Manual
MW-8	7/11/2017	21.96	21.99	0.03	40.1	313	Mobile DPE*
MW-8	5/8/2018	22.68	22.77	0.09	9.9	110	Mobile DPE*
MW-8	5/19/2018	22.45	22.48	0.03	<0.01	<0.01	Manual
MW-8	7/11/2018	22.95	22.96	0.01	14.4	129	Mobile DPE*
MW-8	10/29/2018	22.69	22.71	0.02	<0.01	<0.01	Manual
MW-8	5/20/2019	23.15	24.04	0.89	0.21	0.16	Manual
MW-8	11/11/2019	23.02	23.62	0.60	0.16	0.11	Manual
MW-8	5/16/2020	23.30	24.29	0.99	0.37	0.21	Manual
MW-8	8/18/2020	23.38	24.35	0.97	0.29	0.37	Manual
MW-8	11/15/2020	23.46	24.40	0.94	0.36	0.15	Manual
MW-8	3/17/2021	NM	NM	NM	0.79	0.16	Manual
MW-8	5/23/2021	24.03	25.23	1.20	0.27	0.15	Manual
MW-8	8/28/2021	24.51	26.64	2.13	14.43	11.36	Mobile DPE*
MW-8	11/13/2021	23.85	25.99	2.14	0.64	0.94	Manual
MW-8	3/22/2022	24.05	26.90	2.85	0.99	0.19	Manual
MW-8	5/18/2022	24.07	28.50	4.43	1.66	0.14	Manual
MW-8	7/29/2022	24.15	28.85	4.70	1.54	0.23	Manual
MW-8	8/30/2022	24.28	25.96	1.68	12.91	3.50	Mobile DPE*
MW-8	8/30/2022	38.75	39.10	0.35	0.20	0.03	Manual
MW-8	11/3/2022	24.07	26.12	2.05	0.59	0.57	Manual
				TOTAL:	107.958	615.266	
MW-10	10/11/2016	23.90	23.92	0.02	<0.01	<0.01	Manual
MW-10	5/20/2019	24.35	24.42	0.07	<0.01	<0.01	Manual
MW-10	5/16/2020	24.71	24.82	0.11	0.01	0.08	Manual
MW-10	8/18/2020	24.82	24.87	0.05	<0.01	0.11	Manual
MW-10	11/15/2020	24.88	24.92	0.04	<0.01	0.26	Manual
MW-10	8/28/2021	25.45	25.47	0.02	<0.01	0.01	Manual
MW-10	11/13/2021	25.22	25.23	0.01	<0.01	0.20	Manual
MW-10	3/22/2022	25.43	25.50	0.07	<0.01	0.11	Manual
MW-10	5/18/2022	25.41	25.45	0.04	<0.01	0.08	Manual
MW-10	7/29/2022	25.49	25.57	0.08	<0.01	0.13	Manual
MW-10	11/3/2022	25.38	25.48	0.10	0.02	0.21	Manual
				TOTAL:	0.03	1.19	
MW-11	11/13/2021	28.38	29.00	0.62	0.26	0.74	Manual
MW-11	3/22/2022	28.48	29.77	1.29	0.51	0.20	Manual
MW-11	5/18/2022	28.48	29.74	1.26	0.53	0.15	Manual
MW-11	7/29/2022	28.58	29.79	1.21	0.53	0.38	Manual
MW-11	11/3/2022	28.66	29.56	0.90	0.34	0.41	Manual
				TOTAL:	2.17	1.88	

Notes:
gal = Gallons.
NM = Not Measured. Measured thickness was obtained by measuring the thickness with a bailer.
ND = Not Detected.
* = Mobile Dual Phase Extraction (DPE) includes calculated recovered hydrocarbon vapors.
** = Well monitored during MW-1 mobile DPE event.
DPE = Dual phase extraction
LNAPL recovery data for 2015 and previous years documented in previously-submitted reports.

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	10/17/95	11200	26400	1540	16500
MW-1	12/11/95	10800	15400	1870	18400
MW-1	12/04/96	10300	33200	1400	15200
MW-1	03/05/97	9850	33400	1370	15200
MW-1	09/29/00	NS	NS	NS	NS
MW-1	02/26/01	NS	NS	NS	NS
MW-1	03/14/01	NS	NS	NS	NS
MW-1	04/06/01	NS	NS	NS	NS
MW-1	06/22/01	NS	NS	NS	NS
MW-1	07/11/01	NS	NS	NS	NS
MW-1	07/26/01	NS	NS	NS	NS
MW-1	08/16/01	NS	NS	NS	NS
MW-1	09/06/01	NS	NS	NS	NS
MW-1	09/17/01	NS	NS	NS	NS
MW-1	12/13/01	NS	NS	NS	NS
MW-1	01/08/02	NS	NS	NS	NS
MW-1	02/28/02	NS	NS	NS	NS
MW-1	03/28/02	NS	NS	NS	NS
MW-1	09/13/02	NS	NS	NS	NS
MW-1	09/19/02	NS	NS	NS	NS
MW-1	12/04/02	NS	NS	NS	NS
MW-1	04/18/03	NS	NS	NS	NS
MW-1	06/19/03	NS	NS	NS	NS
MW-1	09/22/03	NS	NS	NS	NS
MW-1	12/15/03	NS	NS	NS	NS
MW-1	02/27/04	NS	NS	NS	NS
MW-1	03/16/04	NS	NS	NS	NS
MW-1	06/09/04	NS	NS	NS	NS
MW-1	07/26/04	NS	NS	NS	NS
MW-1	09/10/04	NS	NS	NS	NS
MW-1	12/14/04	NS	NS	NS	NS
MW-1	12/18/04	NS	NS	NS	NS
MW-1	03/17/05	NS	NS	NS	NS
MW-1	04/15/05	NS	NS	NS	NS
MW-1	05/17/05	NS	NS	NS	NS
MW-1	06/23/05	NS	NS	NS	NS
MW-1	09/12/05	NS	NS	NS	NS
MW-1	09/13/05	NS	NS	NS	NS
MW-1	10/28/05	NS	NS	NS	NS
MW-1	11/18/05	NS	NS	NS	NS
MW-1	12/22/05	NS	NS	NS	NS
MW-1	01/18/06	NS	NS	NS	NS
MW-1	02/21/06	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	03/25/06	NS	NS	NS	NS
MW-1	04/28/06	NS	NS	NS	NS
MW-1	05/23/06	NS	NS	NS	NS
MW-1	06/14/06	NS	NS	NS	NS
MW-1	07/21/06	NS	NS	NS	NS
MW-1	08/24/06	NS	NS	NS	NS
MW-1	09/25/06	NS	NS	NS	NS
MW-1	12/27/06	NS	NS	NS	NS
MW-1	03/26/07	NS	NS	NS	NS
MW-1	06/11/07	<1	<1	1360	<2
MW-1	09/18/07	NS	NS	NS	NS
MW-1	03/04/08	NS	NS	NS	NS
MW-1	06/12/08	10000	29700	1550	16800
MW-1	09/08/08	NS	NS	NS	NS
MW-1	12/03/08	NS	NS	NS	NS
MW-1	03/02/09	NS	NS	NS	NS
MW-1	06/03/09	7120	25200	1270	13800
MW-1	08/27/09	NS	NS	NS	NS
MW-1	11/02/09	NS	NS	NS	NS
MW-1	02/11/10	NS	NS	NS	NS
MW-1	05/26/10	8100	26100	1300	14300
MW-1	09/30/10	NS	NS	NS	NS
MW-1	11/01/10	NS	NS	NS	NS
MW-1	02/02/11	NS	NS	NS	NS
MW-1	05/10/11	5630	22600	1630	17600
MW-1	09/26/11	NS	NS	NS	NS
MW-1	11/01/11	NS	NS	NS	NS
MW-1	02/16/12	NS	NS	NS	NS
MW-1	05/08/12	7490	25400	1390	15000
MW-1	06/07/13	8200	31000	1100	15000
MW-1	11/12/17	4400	14000	880	16000
MW-1	05/19/18	NS	NS	NS	NS
MW-1	07/11/18	NS	NS	NS	NS
MW-1	10/29/18	NS	NS	NS	NS
MW-1	05/20/19	NS	NS	NS	NS
MW-1	11/11/19	NS	NS	NS	NS
MW-1	05/16/20	NS	NS	NS	NS
MW-1	08/18/20	NS	NS	NS	NS
MW-1	11/15/20	NS	NS	NS	NS
MW-1	03/17/21	NS	NS	NS	NS
MW-1	05/23/21	NS	NS	NS	NS
MW-1	08/28/21	NS	NS	NS	NS
MW-1	11/13/21	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	03/22/22	NS	NS	NS	NS
MW-1	05/18/22	NS	NS	NS	NS
MW-1	11/03/22	NS	NS	NS	NS
MW-2	12/11/95	94.7	1.4	11.3	31.1
MW-2	12/04/96	2.52	<1	<1	<3
MW-2	03/05/97	1.49	<1	<1	<3
MW-2	10/11/00	200	<0.5	81	28
MW-2	04/06/01	NS	NS	NS	NS
MW-2	06/05/01	NS	NS	NS	NS
MW-2	06/25/01	160	<0.5	77	22
MW-2	12/21/01	NS	NS	NS	NS
MW-2	05/15/02	NS	NS	NS	NS
MW-2	06/05/02	53	<0.5	50	9.7
MW-2	09/06/02	NS	NS	NS	NS
MW-2	09/13/02	NS	NS	NS	NS
MW-2	12/18/02	NS	NS	NS	NS
MW-2	06/19/03	6.5	<1	17.8	1.7
MW-2	09/22/03	NS	NS	NS	NS
MW-2	12/15/03	NS	NS	NS	NS
MW-2	03/16/04	NS	NS	NS	NS
MW-2	06/09/04	<0.5	<0.5	<0.5	<1
MW-2	09/10/04	NS	NS	NS	NS
MW-2	12/14/04	NS	NS	NS	NS
MW-2	03/17/05	NS	NS	NS	NS
MW-2	06/23/05	<1	<1	<1	<2
MW-2	09/13/05	NS	NS	NS	NS
MW-2	10/28/05	NS	NS	NS	NS
MW-2	12/22/05	NS	NS	NS	NS
MW-2	03/25/06	NS	NS	NS	NS
MW-2	06/14/06	<1	<1	<1	<2
MW-2	09/25/06	NS	NS	NS	NS
MW-2	12/27/06	NS	NS	NS	NS
MW-2	03/26/07	NS	NS	NS	NS
MW-2	06/11/07	<1	<1	<1	<2
MW-2	09/18/07	NS	NS	NS	NS
MW-2	03/04/08	NS	NS	NS	NS
MW-2	06/12/08	<1	<1	<1	<2
MW-2	09/08/08	NS	NS	NS	NS
MW-2	12/03/08	NS	NS	NS	NS
MW-2	03/02/09	NS	NS	NS	NS
MW-2	06/03/09	0.3 J	2.1	<1	0.84 J
MW-2	08/27/09	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	11/02/09	NS	NS	NS	NS
MW-2	02/11/10	NS	NS	NS	NS
MW-2	05/26/10	NS	NS	NS	NS
MW-2	09/30/10	NS	NS	NS	NS
MW-2	11/01/10	NS	NS	NS	NS
MW-2	02/02/11	NS	NS	NS	NS
MW-2	05/10/11	NS	NS	NS	NS
MW-2	09/26/11	NS	NS	NS	NS
MW-2	11/01/11	NS	NS	NS	NS
MW-2	02/16/12	NS	NS	NS	NS
MW-2	05/08/12	NS	NS	NS	NS
MW-2	06/07/13	<0.14	<0.30	<0.20	<0.23
MW-2	09/12/13	<0.14	<0.30	<0.20	<0.23
MW-2	12/13/13	<0.20	<0.38	<0.20	<0.65
MW-2	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-2	10/21/14	<0.38	<0.70	<0.50	<1.6
MW-2	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-2	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-2	04/15/16	<1.0	<5.0	<1.0	<5.0
MW-2	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-2	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-2	11/10/17	<1.0	<1.0	<1.0	<10
MW-2	05/19/18	<1.0	<1.0	<1.0	<10
MW-2	10/29/18	NS	NS	NS	NS
MW-2	05/20/19	NS	NS	NS	NS
MW-2	11/11/19	<1.0	<1.0	<1.0	<10
MW-2	05/16/20	NS	NS	NS	NS
MW-2	11/15/20	NS	NS	NS	NS
MW-2	05/23/21	NS	NS	NS	NS
MW-2	08/28/21	NS	NS	NS	NS
MW-2	11/13/21	<1.0	<1.0	<1.0	<10
MW-2	05/18/22	NS	NS	NS	NS
MW-2	11/03/22	NS	NS	NS	NS
MW-3	12/11/95	1790	10400	1010	8070
MW-3	12/04/96	4210	19200	1140	11700
MW-3	03/05/97	4000	19200	1280	13600
MW-3	03/12/01	NS	NS	NS	NS
MW-3	04/06/01	NS	NS	NS	NS
MW-3	06/05/01	NS	NS	NS	NS
MW-3	06/14/01	NS	NS	NS	NS
MW-3	06/28/01	NS	NS	NS	NS
MW-3	07/06/01	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	07/11/01	NS	NS	NS	NS
MW-3	07/20/01	NS	NS	NS	NS
MW-3	08/02/01	NS	NS	NS	NS
MW-3	08/08/01	NS	NS	NS	NS
MW-3	08/16/01	NS	NS	NS	NS
MW-3	08/20/01	NS	NS	NS	NS
MW-3	08/31/01	NS	NS	NS	NS
MW-3	09/06/01	NS	NS	NS	NS
MW-3	09/17/01	NS	NS	NS	NS
MW-3	09/25/01	NS	NS	NS	NS
MW-3	10/03/01	NS	NS	NS	NS
MW-3	10/11/01	NS	NS	NS	NS
MW-3	12/04/01	NS	NS	NS	NS
MW-3	12/13/01	NS	NS	NS	NS
MW-3	12/21/01	NS	NS	NS	NS
MW-3	12/28/01	NS	NS	NS	NS
MW-3	01/04/02	NS	NS	NS	NS
MW-3	01/08/02	NS	NS	NS	NS
MW-3	01/17/02	NS	NS	NS	NS
MW-3	01/23/02	NS	NS	NS	NS
MW-3	01/31/02	NS	NS	NS	NS
MW-3	02/07/02	NS	NS	NS	NS
MW-3	02/14/02	NS	NS	NS	NS
MW-3	02/20/02	NS	NS	NS	NS
MW-3	02/28/02	NS	NS	NS	NS
MW-3	03/06/02	NS	NS	NS	NS
MW-3	03/11/02	NS	NS	NS	NS
MW-3	03/21/02	NS	NS	NS	NS
MW-3	03/28/02	NS	NS	NS	NS
MW-3	04/04/02	NS	NS	NS	NS
MW-3	04/12/02	NS	NS	NS	NS
MW-3	04/19/02	NS	NS	NS	NS
MW-3	04/25/02	NS	NS	NS	NS
MW-3	05/03/02	NS	NS	NS	NS
MW-3	05/15/02	NS	NS	NS	NS
MW-3	05/24/02	NS	NS	NS	NS
MW-3	05/31/02	NS	NS	NS	NS
MW-3	06/07/02	NS	NS	NS	NS
MW-3	06/14/02	NS	NS	NS	NS
MW-3	06/21/02	NS	NS	NS	NS
MW-3	06/27/02	NS	NS	NS	NS
MW-3	07/02/02	NS	NS	NS	NS
MW-3	07/11/02	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	07/22/02	NS	NS	NS	NS
MW-3	07/25/02	NS	NS	NS	NS
MW-3	07/31/02	NS	NS	NS	NS
MW-3	08/08/02	NS	NS	NS	NS
MW-3	08/16/02	NS	NS	NS	NS
MW-3	08/22/02	NS	NS	NS	NS
MW-3	08/28/02	NS	NS	NS	NS
MW-3	09/06/02	NS	NS	NS	NS
MW-3	09/13/02	NS	NS	NS	NS
MW-3	09/19/02	NS	NS	NS	NS
MW-3	09/25/02	NS	NS	NS	NS
MW-3	10/04/02	NS	NS	NS	NS
MW-3	10/10/02	NS	NS	NS	NS
MW-3	10/15/02	NS	NS	NS	NS
MW-3	10/23/02	NS	NS	NS	NS
MW-3	10/30/02	NS	NS	NS	NS
MW-3	11/08/02	NS	NS	NS	NS
MW-3	11/21/02	NS	NS	NS	NS
MW-3	12/04/02	NS	NS	NS	NS
MW-3	12/10/02	NS	NS	NS	NS
MW-3	12/18/02	NS	NS	NS	NS
MW-3	12/27/02	NS	NS	NS	NS
MW-3	01/07/03	NS	NS	NS	NS
MW-3	01/22/03	NS	NS	NS	NS
MW-3	01/29/03	NS	NS	NS	NS
MW-3	02/05/03	NS	NS	NS	NS
MW-3	02/12/03	NS	NS	NS	NS
MW-3	02/20/03	NS	NS	NS	NS
MW-3	02/28/03	NS	NS	NS	NS
MW-3	03/02/03	NS	NS	NS	NS
MW-3	03/06/03	NS	NS	NS	NS
MW-3	03/19/03	NS	NS	NS	NS
MW-3	03/26/03	NS	NS	NS	NS
MW-3	04/02/03	NS	NS	NS	NS
MW-3	04/10/03	NS	NS	NS	NS
MW-3	04/18/03	NS	NS	NS	NS
MW-3	04/28/03	NS	NS	NS	NS
MW-3	05/07/03	NS	NS	NS	NS
MW-3	05/13/03	NS	NS	NS	NS
MW-3	05/21/03	NS	NS	NS	NS
MW-3	05/27/03	NS	NS	NS	NS
MW-3	06/03/03	NS	NS	NS	NS
MW-3	06/09/03	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	06/16/03	NS	NS	NS	NS
MW-3	06/19/03	NS	NS	NS	NS
MW-3	06/23/03	NS	NS	NS	NS
MW-3	07/01/03	NS	NS	NS	NS
MW-3	07/10/03	NS	NS	NS	NS
MW-3	07/15/03	NS	NS	NS	NS
MW-3	07/21/03	NS	NS	NS	NS
MW-3	07/29/03	NS	NS	NS	NS
MW-3	08/04/03	NS	NS	NS	NS
MW-3	08/11/03	NS	NS	NS	NS
MW-3	08/18/03	NS	NS	NS	NS
MW-3	08/25/03	NS	NS	NS	NS
MW-3	09/02/03	NS	NS	NS	NS
MW-3	09/08/03	NS	NS	NS	NS
MW-3	09/15/03	NS	NS	NS	NS
MW-3	09/22/03	NS	NS	NS	NS
MW-3	09/29/03	NS	NS	NS	NS
MW-3	10/06/03	NS	NS	NS	NS
MW-3	10/13/03	NS	NS	NS	NS
MW-3	10/20/03	NS	NS	NS	NS
MW-3	10/27/03	NS	NS	NS	NS
MW-3	11/03/03	NS	NS	NS	NS
MW-3	11/10/03	NS	NS	NS	NS
MW-3	11/17/03	NS	NS	NS	NS
MW-3	11/26/03	NS	NS	NS	NS
MW-3	12/04/03	NS	NS	NS	NS
MW-3	12/09/03	NS	NS	NS	NS
MW-3	12/15/03	NS	NS	NS	NS
MW-3	01/02/04	NS	NS	NS	NS
MW-3	01/11/04	NS	NS	NS	NS
MW-3	01/16/04	NS	NS	NS	NS
MW-3	01/23/04	NS	NS	NS	NS
MW-3	01/30/04	NS	NS	NS	NS
MW-3	02/06/04	NS	NS	NS	NS
MW-3	02/12/04	NS	NS	NS	NS
MW-3	02/18/04	NS	NS	NS	NS
MW-3	02/27/04	NS	NS	NS	NS
MW-3	03/16/04	NS	NS	NS	NS
MW-3	04/13/04	NS	NS	NS	NS
MW-3	05/10/04	NS	NS	NS	NS
MW-3	06/02/04	NS	NS	NS	NS
MW-3	06/09/04	1590	4520	966	1830
MW-3	07/26/04	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	08/16/04	NS	NS	NS	NS
MW-3	09/09/04	NS	NS	NS	NS
MW-3	09/10/04	NS	NS	NS	NS
MW-3	10/11/04	NS	NS	NS	NS
MW-3	11/17/04	NS	NS	NS	NS
MW-3	12/13/04	NS	NS	NS	NS
MW-3	12/14/04	NS	NS	NS	NS
MW-3	01/17/05	NS	NS	NS	NS
MW-3	02/15/05	NS	NS	NS	NS
MW-3	03/16/05	NS	NS	NS	NS
MW-3	03/17/05	NS	NS	NS	NS
MW-3	04/15/05	NS	NS	NS	NS
MW-3	05/17/05	NS	NS	NS	NS
MW-3	06/23/05	2260	1090	1920	24800
MW-3	07/19/05	NS	NS	NS	NS
MW-3	08/22/05	NS	NS	NS	NS
MW-3	09/13/05	NS	NS	NS	NS
MW-3	10/28/05	NS	NS	NS	NS
MW-3	11/18/05	NS	NS	NS	NS
MW-3	12/22/05	NS	NS	NS	NS
MW-3	01/18/06	NS	NS	NS	NS
MW-3	02/21/06	NS	NS	NS	NS
MW-3	03/25/06	NS	NS	NS	NS
MW-3	04/28/06	NS	NS	NS	NS
MW-3	05/23/06	NS	NS	NS	NS
MW-3	06/14/06	795	<50	818	10900
MW-3	09/25/06	NS	NS	NS	NS
MW-3	12/27/06	NS	NS	NS	NS
MW-3	03/26/07	NS	NS	NS	NS
MW-3	06/11/07	868	<10	1490	13900
MW-3	09/18/07	NS	NS	NS	NS
MW-3	03/04/08	NS	NS	NS	NS
MW-3	06/12/08	876	<50	1030	10700
MW-3	09/08/08	NS	NS	NS	NS
MW-3	12/03/08	NS	NS	NS	NS
MW-3	03/02/09	NS	NS	NS	NS
MW-3	06/03/09	549	<25	750	7320
MW-3	08/27/09	NS	NS	NS	NS
MW-3	11/02/09	NS	NS	NS	NS
MW-3	02/11/10	NS	NS	NS	NS
MW-3	05/26/10	517	<50	971	9680
MW-3	09/30/10	NS	NS	NS	NS
MW-3	11/01/10	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	02/02/11	NS	NS	NS	NS
MW-3	05/10/11	402	<10	922	11100
MW-3	09/26/11	NS	NS	NS	NS
MW-3	11/01/11	NS	NS	NS	NS
MW-3	02/16/12	NS	NS	NS	NS
MW-3	05/08/12	482	10.2 J	1200	9060
MW-3	06/07/13	99	<6.0	250	3900
MW-3	09/12/13	90	<6.0	380	3400
MW-3	12/13/13	89	<6.0	460	4500
MW-3	04/05/14	79	<3.8	400	2900
MW-3	10/21/14	93	<3.5	650	1400
MW-3	05/27/15	56	<50	400	530
MW-3	11/18/15	290	5.5	570	490
MW-3	04/15/16	36	<25	290	89
MW-3	10/11/16	82	<50	910	1400
MW-3	06/10/17	30	<10	400	91
MW-3	11/10/17	60	<5.0	780	<50
MW-3	05/19/18	34	<2.0	360	<20
MW-3	10/29/18	NS	NS	NS	NS
MW-3	05/20/19	NS	NS	NS	NS
MW-3	11/11/19	45	<5.0	690	<50
MW-3	05/16/20	NS	NS	NS	NS
MW-3	11/15/20	NS	NS	NS	NS
MW-3	05/23/21	NS	NS	NS	NS
MW-3	08/28/21	NS	NS	NS	NS
MW-3	11/13/21	22	<2.0	370	<20
MW-3	05/18/22	NS	NS	NS	NS
MW-3	11/03/22	NS	NS	NS	NS
MW-4	12/11/95	<2.5	<2.5	<2.5	<7.5
MW-4	12/04/96	<1	<1	<1	<3
MW-4	03/05/97	<1	<1	<1	<3
MW-4	10/11/00	<0.5	<0.5	<0.5	<0.5
MW-4	04/06/01	NS	NS	NS	NS
MW-4	06/05/01	NS	NS	NS	NS
MW-4	06/25/01	<0.5	<0.5	<0.5	<0.5
MW-4	12/21/01	NS	NS	NS	NS
MW-4	05/15/02	NS	NS	NS	NS
MW-4	06/05/02	<0.5	<0.5	<0.5	<1
MW-4	09/06/02	NS	NS	NS	NS
MW-4	12/18/02	NS	NS	NS	NS
MW-4	06/19/03	NS	NS	NS	NS
MW-4	09/22/03	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	12/15/03	NS	NS	NS	NS
MW-4	03/16/04	NS	NS	NS	NS
MW-4	06/09/04	NS	NS	NS	NS
MW-4	09/10/04	NS	NS	NS	NS
MW-4	12/14/04	NS	NS	NS	NS
MW-4	03/17/05	NS	NS	NS	NS
MW-4	06/23/05	NS	NS	NS	NS
MW-4	09/13/05	NS	NS	NS	NS
MW-4	12/22/05	NS	NS	NS	NS
MW-4	03/25/06	NS	NS	NS	NS
MW-4	06/14/06	NS	NS	NS	NS
MW-4	09/25/06	NS	NS	NS	NS
MW-4	12/27/06	NS	NS	NS	NS
MW-4	03/26/07	NS	NS	NS	NS
MW-4	06/11/07	NS	NS	NS	NS
MW-4	09/18/07	NS	NS	NS	NS
MW-4	03/04/08	NS	NS	NS	NS
MW-4	06/12/08	NS	NS	NS	NS
MW-4	09/08/08	NS	NS	NS	NS
MW-4	12/03/08	NS	NS	NS	NS
MW-4	03/02/09	NS	NS	NS	NS
MW-4	06/03/09	NS	NS	NS	NS
MW-4	08/27/09	NS	NS	NS	NS
MW-4	11/02/09	NS	NS	NS	NS
MW-4	02/11/10	NS	NS	NS	NS
MW-4	05/26/10	NS	NS	NS	NS
MW-4	09/30/10	NS	NS	NS	NS
MW-4	11/01/10	NS	NS	NS	NS
MW-4	02/02/11	NS	NS	NS	NS
MW-4	05/10/11	NS	NS	NS	NS
MW-4	09/26/11	NS	NS	NS	NS
MW-4	11/01/11	NS	NS	NS	NS
MW-4	02/16/12	NS	NS	NS	NS
MW-4	05/08/12	NS	NS	NS	NS
MW-4	06/07/13	<0.14	<0.30	<0.20	0.24 J
MW-4	09/12/13	<0.14	<0.30	<0.20	<0.23
MW-4	12/13/13	<0.14	<0.30	<0.20	0.36 J
MW-4	04/05/14	<0.20	<0.38	<0.20	1.3 J
MW-4	10/21/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/15/16	<1.0	<5.0	<1.0	<5.0
MW-4	10/11/16	<1.0	<5.0	<1.0	<5.0

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-4	11/12/17	<1.0	<1.0	<1.0	<10
MW-4	05/19/18	<1.0	<1.0	<1.0	<10
MW-4	10/29/18	NS	NS	NS	NS
MW-4	05/20/19	NS	NS	NS	NS
MW-4	11/11/19	<1.0	<1.0	<1.0	<10
MW-4	05/16/20	NS	NS	NS	NS
MW-4	11/15/20	NS	NS	NS	NS
MW-4	05/23/21	NS	NS	NS	NS
MW-4	08/28/21	NS	NS	NS	NS
MW-4	11/13/21	<1.0	<1.0	<1.0	<10
MW-4	05/18/22	NS	NS	NS	NS
MW-4	11/03/22	NS	NS	NS	NS
MW-5	10/11/16	1400	3300	120	2600
MW-5	06/10/17	220	260	22	2300
MW-5	11/10/17	1100	670	60	4400
MW-5	05/19/18	330	99	<10	2200
MW-5	10/29/18	100	9.6	9.0	890
DUP-01(MW-5)*	10/29/18	100	11	8.7	750
MW-5	05/20/19	50	<1.0	3.6	130
MW-5	11/11/19	36	6.3	2.5	55
MW-5	05/16/20	39	7.2	1.7	53
MW-5	11/15/20	24	3.1	1.5	39
DUP-01(MW-5)*	11/15/20	33	1.6	1.8	62
MW-5	05/23/21	32	1.5	1.7	58
DUP-01(MW-5)*	05/23/21	33	1.6	1.8	62
MW-5	08/28/21	NS	NS	NS	NS
MW-5	11/13/21	21	3.1	1.7	27
DUP-01(MW-5)*	11/13/21	19	3.6	1.1	22
MW-5	05/18/22	26	6.2	1.4	17
DUP-01(MW-5)*	05/18/22	23	3.6	1.1	13
MW-5	11/03/22	23	4.4	1.2	11
DUP-01(MW-5)*	11/03/22	23	4.7	1.2	11
MW-6	10/11/16	1200	4100	750	6200
MW-6	06/10/17	1100	4500	1200	10000
MW-6	11/10/17	980	2900	930	8300
MW-6	05/19/18	1100	1700	840	7000
MW-6	10/29/18	800	1000	590	6200
MW-6	05/20/19	180	6.5	68	1900
MW-6	11/11/19	72	<10	<10	1200
MW-6	05/16/20	190	<10	<10	1800

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	11/15/20	200	<1.0	18	1200
MW-6	05/23/21	160	<5.0	9.5	1100
MW-6	08/28/21	NS	NS	NS	NS
MW-6	11/13/21	81	<5.0	22	590
MW-6	05/18/22	150	<5.0	15	800
MW-6	11/03/22	160	<5.0	27	930
MW-7	10/11/16	1200	2000	1300	8000
MW-7	06/10/17	920	1300	1600	10000
MW-7	11/10/17	1300	770	1000	8200
MW-7	05/19/18	470	530	1100	7300
MW-7	10/29/18	NS	NS	NS	NS
MW-7	05/20/19	NS	NS	NS	NS
MW-7	11/11/19	200	<50	1600	5400
MW-7	05/16/20	NS	NS	NS	NS
MW-7	08/18/20	NS	NS	NS	NS
MW-7	11/15/20	NS	NS	NS	NS
MW-7	03/17/21	NS	NS	NS	NS
MW-7	05/23/21	NS	NS	NS	NS
MW-7	08/28/21	NS	NS	NS	NS
MW-7	11/13/21	210	<50	290	2300
MW-7	05/18/22	NS	NS	NS	NS
MW-7	11/03/22	NS	NS	NS	NS
MW-8	10/11/16	NS	NS	NS	NS
MW-8	06/10/17	NS	NS	NS	NS
MW-8	07/11/17	NS	NS	NS	NS
MW-8	11/12/17	2100	7900	1200	14000
MW-8	03/25/18	NS	NS	NS	NS
MW-8	05/08/18	NS	NS	NS	NS
MW-8	05/19/18	NS	NS	NS	NS
MW-8	07/11/18	NS	NS	NS	NS
MW-8	10/29/18	NS	NS	NS	NS
MW-8	05/20/19	NS	NS	NS	NS
MW-8	11/11/19	NS	NS	NS	NS
MW-8	05/16/20	NS	NS	NS	NS
MW-8	08/18/20	NS	NS	NS	NS
MW-8	11/15/20	NS	NS	NS	NS
MW-8	03/17/21	NS	NS	NS	NS
MW-8	05/23/21	NS	NS	NS	NS
MW-8	08/28/21	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-8	11/13/21	NS	NS	NS	NS
MW-8	05/18/22	NS	NS	NS	NS
MW-8	11/03/22	NS	NS	NS	NS
MW-9	10/11/16	84	82	140	750
MW-9	06/10/17	150	<5.0	130	66
MW-9	11/10/17	130	1.4	85	11
MW-9	05/19/18	69	<1.0	150	<10
DP-02(MW-9)*	05/19/18	67	<1.0	120	<10
MW-9	10/29/18	NS	NS	NS	NS
MW-9	05/20/19	NS	NS	NS	NS
MW-9	11/11/19	3.6	<1.0	3	<10
MW-9	05/16/20	NS	NS	NS	NS
MW-9	11/15/20	NS	NS	NS	NS
MW-9	05/23/21	NS	NS	NS	NS
MW-9	08/28/21	NS	NS	NS	NS
MW-9	11/13/21	1.4	<1.0	<1.0	<10
MW-9	05/18/22	NS	NS	NS	NS
MW-9	11/03/22	NS	NS	NS	NS
MW-10	10/11/16	NS	NS	NS	NS
MW-10	06/10/17	1600	4900	1800	17000
MW-10	11/10/17	1200	3000	860	9900
MW-10	05/19/18	690	1600	700	8600
MW-10	10/29/18	610	38	600	8300
MW-10	05/20/19	NS	NS	NS	NS
MW-10	11/11/19	860	<100	590	11000
MW-10	05/16/20	NS	NS	NS	NS
MW-10	08/18/20	NS	NS	NS	NS
MW-10	11/15/20	NS	NS	NS	NS
MW-10	03/17/21	NS	NS	NS	NS
MW-10	05/23/21	590	<50	<50	6100
MW-10	08/28/21	NS	NS	NS	NS
MW-10	11/13/21	NS	NS	NS	NS
MW-10	05/18/22	NS	NS	NS	NS
MW-10	11/03/22	NS	NS	NS	NS
MW-11	10/11/16	3200	8200	950	10000
MW-11	06/10/17	4000	12000	1400	13000
MW-11	11/10/17	3100	2400	940	8900
MW-11	05/19/18	3200	6500	950	9300
MW-11	10/29/18	2800	30	870	8100
MW-11	05/20/19	3300	1900	740	7600

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-11	11/11/19	3100	<50	590	5600
DUP-1(MW-11)*	11/11/19	3800	<50	670	6900
MW-11	05/16/20	3200	300	170	8000
MW-11	11/15/20	2400	<20	380	3500
MW-11	05/23/21	2300	50	360	6900
MW-11	08/28/21	NS	NS	NS	NS
MW-11	11/13/21	NS	NS	NS	NS
MW-11	05/18/22	NS	NS	NS	NS
MW-11	11/03/22	NS	NS	NS	NS
MW-12	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-12	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-12	11/10/17	<1.0	<1.0	<1.0	<10
MW-12	05/19/18	<1.0	<1.0	<1.0	<10
MW-12	10/29/18	<1.0	<1.0	<1.0	<10
MW-12	05/20/19	<1.0	<1.0	<1.0	<10
MW-12	11/11/19	<1.0	<1.0	<1.0	<10
MW-12	05/16/20	<1.0	<1.0	<1.0	<10
MW-12	11/15/20	<1.0	<1.0	<1.0	<10
MW-12	05/23/21	<1.0	<1.0	<1.0	<10
MW-12	08/28/21	NS	NS	NS	NS
MW-12	11/13/21	<1.0	<1.0	<1.0	<10
MW-12	05/18/22	<1.0	<1.0	<1.0	<10
MW-12	11/03/22	<1.0	<1.0	<1.0	<10
MW-13	11/10/17	160	<2.0	110	430
MW-13	05/19/18	26	<1.0	37	<10
MW-13	10/29/18	<1.0	<1.0	<1.0	<10
MW-13	05/20/19	14	<1.0	46	<10
MW-13	11/11/19	<1.0	<1.0	2	<10
MW-13	05/16/20	6.5	<1.0	46	<10
MW-13	11/15/20	16	<1.0	36	27
MW-13	05/23/21	<1.0	<1.0	14	<10
MW-13	08/28/21	NS	NS	NS	NS
MW-13	11/13/21	1.0	<1.0	8.1	<10
MW-13	05/18/22	<1.0	<1.0	6.6	<10
MW-13	11/03/22	<1.0	<1.0	3.9	<10
MW-14	11/10/17	<1.0	<1.0	<1.0	<10
MW-14	05/19/18	<1.0	<1.0	<1.0	<10
MW-14	10/29/18	<1.0	<1.0	<1.0	<10
MW-14	05/20/19	<1.0	<1.0	<1.0	<10
MW-14	11/11/19	<1.0	<1.0	14	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-14	05/16/20	750	830	<5.0	<50
MW-14	11/15/20	28	<1.0	<1.0	<10
MW-14	05/23/21	<1.0	<1.0	<1.0	<10
MW-14	08/28/21	NS	NS	NS	NS
MW-14	11/13/21	<1.0	<1.0	<1.0	<10
MW-14	05/18/22	<1.0	<1.0	<1.0	<10
MW-14	11/03/22	56	<1.0	<1.0	<10
MW-15	11/10/17	69	44	610	2300
MW-15	05/19/18	21	15	570	1500
DP-01(MW-15)*	05/19/18	20	14	550	1400
MW-15	10/29/18	9.0	4.8	250	530
MW-15	05/20/19	2.3	<1.0	97	<10
DUP-1(MW-15)*	05/20/19	2.4	<1.0	97	<10
MW-15	11/11/19	25.0	29	320	820
MW-15	05/16/20	72.0	8.0	250	760
MW-15	11/15/20	11	<1.0	63	31
MW-15	05/23/21	1.9	<1.0	30	<10
MW-15	08/28/21	ND	ND	ND	ND
MW-15	11/13/21	2.8	<1.0	22	<10
MW-15	05/18/22	9.2	<1.0	31	28
MW-15	11/03/22	3.7	<1.0	7.3	<10
MW-16	11/10/17	<1.0	<1.0	3.1	<10
MW-16	05/19/18	<5.0	<5.0	620	<50
MW-16	10/29/18	<2.0	<2.0	440	<20
MW-16	05/20/19	1.3	<1.0	45	<10
MW-16	11/11/19	1.4	<1.0	6.1	<10
DUP-2(MW-16)*	11/11/19	1.3	<1.0	5.9	<10
MW-16	05/16/20	27	1.0	6.7	59
MW-16	11/15/20	2.9	<1.0	<1.0	<10
MW-16	05/23/21	9.7	<1.0	<1.0	<10
MW-16	08/28/21	NS	NS	NS	NS
MW-16	11/13/21	<1.0	<1.0	<1.0	<10
MW-16	05/18/22	1.1	<1.0	<1.0	<10
MW-16	11/03/22	<1.0	<1.0	<1.0	<10
MW-17	11/10/17	290	2.2	22	150
MW-17	05/19/18	59	<1.0	13	18
MW-17	10/29/18	4.8	<1.0	<1.0	<10
MW-17	05/20/19	<1.0	<1.0	<1.0	<10
MW-17	11/11/19	1.4	<1.0	<1.0	<10
MW-17	05/16/20	17	<1.0	<1.0	16

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

James F. Bell #1E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-17	11/15/20	<1.0	<1.0	<1.0	<10
MW-17	05/23/21	<1.0	<1.0	<1.0	<10
MW-17	08/28/21	NS	NS	NS	NS
MW-17	11/13/21	<1.0	<1.0	<1.0	<10
MW-17	05/18/22	<1.0	<1.0	<1.0	<10
MW-17	11/03/22	<1.0	<1.0	<1.0	<10
MW-18	11/10/17	NS	NS	NS	NS
MW-18	05/19/18	<1.0	<1.0	<1.0	<10
MW-18	10/29/18	<1.0	<1.0	<1.0	<10
MW-18	05/20/19	<1.0	<1.0	<1.0	<10
MW-18	11/11/19	<1.0	<1.0	<1.0	<10
MW-18	05/16/20	<1.0	<1.0	<1.0	<10
MW-18	11/15/20	<1.0	<1.0	<1.0	<10
MW-18	05/23/21	<1.0	<1.0	<1.0	<10
MW-18	08/28/21	NS	NS	NS	NS
MW-18	11/13/21	<1.0	<1.0	<1.0	<10
MW-18	05/18/22	<1.0	<1.0	<1.0	<10
MW-18	11/03/22	<1.0	<1.0	<1.0	<10

Notes:
The groundwater monitoring dates for each monitoring well where no groundwater samples were collected and analyzed have been omitted.
"µg/L" = micrograms per liter
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.
"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.
"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).
*Field Duplicate results presented immediately below primary sample result

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	10/17/95	5810.88	NR	26.67		5784.21
MW-1	12/11/95	5810.88	NR	26.23		5784.65
MW-1	12/04/96	5810.88	26.16	28.00	1.84	5784.33
MW-1	03/05/97	5810.88	26.47	28.47	2.00	5783.99
MW-1	09/29/00	5810.88	27.29	29.09	1.80	5783.21
MW-1	02/26/01	5810.88	27.61	29.06	1.45	5782.96
MW-1	03/14/01	5810.88	27.49	29.60	2.11	5782.94
MW-1	04/06/01	5810.88	27.67	29.08	1.41	5782.91
MW-1	06/22/01	5810.88	28.10	29.57	1.47	5782.47
MW-1	07/11/01	5810.88	27.95	28.95	1.00	5782.72
MW-1	07/26/01	5810.88	28.21	29.51	1.30	5782.39
MW-1	08/16/01	5810.88	28.40	28.49	0.09	5782.46
MW-1	09/06/01	5810.88	28.41	28.46	0.05	5782.45
MW-1	09/17/01	5810.88	28.19	28.46	0.27	5782.63
MW-1	12/13/01	5810.88	28.20	28.50	0.30	5782.61
MW-1	01/08/02	5810.88	28.25	28.54	0.29	5782.56
MW-1	02/28/02	5810.88	28.31	28.62	0.31	5782.50
MW-1	03/28/02	5810.88	28.51	28.64	0.13	5782.34
MW-1	09/13/02	5810.88	29.20	31.17	1.97	5781.26
MW-1	09/19/02	5810.88	28.45	30.82	2.37	5781.93
MW-1	12/04/02	5810.88	28.37	29.07	0.70	5782.36
MW-1	04/18/03	5810.88	28.44	29.29	0.85	5782.26
MW-1	06/19/03	5810.88	29.19	29.41	0.22	5781.64
MW-1	09/22/03	5810.88	28.31	28.64	0.33	5782.50
MW-1	12/15/03	5810.88	28.04	28.24	0.20	5782.79
MW-1	02/27/04	5810.88	28.19	28.21	0.02	5782.68
MW-1	03/16/04	5810.88	28.08	28.13	0.05	5782.78
MW-1	06/09/04	5810.88	28.03	28.27	0.24	5782.79
MW-1	07/26/04	5810.88	27.95	28.48	0.53	5782.81
MW-1	09/10/04	5810.88	27.82	27.89	0.07	5783.04
MW-1	12/14/04	5810.88	27.68	27.68	<0.01	5783.20
MW-1	12/18/04	5810.88	27.67	27.71	0.04	5783.20
MW-1	03/17/05	5810.88	27.65	27.83	0.18	5783.19
MW-1	04/15/05	5810.88	27.72	28.03	0.31	5783.09
MW-1	05/17/05	5810.88	27.35	27.78	0.43	5783.43
MW-1	06/23/05	5810.88	27.21	27.23	0.02	5783.66
MW-1	09/12/05	5810.88	26.52	26.56	0.04	5784.35
MW-1	09/13/05	5810.88	ND	26.56		5784.32
MW-1	10/28/05	5810.88	ND	26.27		5784.61
MW-1	11/18/05	5810.88	ND	26.26		5784.62

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	12/22/05	5810.88	ND	26.09		5784.79
MW-1	01/18/06	5810.88	ND	26.02		5784.86
MW-1	02/21/06	5810.88	ND	26.14		5784.74
MW-1	03/25/06	5810.88	ND	26.20		5784.68
MW-1	04/28/06	5810.88	ND	26.34		5784.54
MW-1	05/23/06	5810.88	ND	26.39		5784.49
MW-1	06/14/06	5810.88	ND	26.33		5784.55
MW-1	07/21/06	5810.88	ND	26.38		5784.50
MW-1	08/24/06	5810.88	ND	26.29		5784.59
MW-1	09/25/06	5810.88	ND	26.30		5784.58
MW-1	12/27/06	5810.88	ND	26.08		5784.80
MW-1	03/26/07	5810.88	ND	27.28		5783.60
MW-1	06/11/07	5810.88	ND	26.47		5784.41
MW-1	09/18/07	5810.88	ND	26.38		5784.50
MW-1	03/04/08	5810.88	ND	26.66		5784.22
MW-1	06/12/08	5810.88	ND	26.60		5784.28
MW-1	09/08/08	5810.88	ND	26.29		5784.59
MW-1	12/03/08	5810.88	ND	26.31		5784.57
MW-1	03/02/09	5810.88	ND	26.58		5784.30
MW-1	06/03/09	5810.88	ND	26.86		5784.02
MW-1	08/27/09	5810.88	ND	27.03		5783.85
MW-1	11/02/09	5810.88	ND	26.92		5783.96
MW-1	02/11/10	5810.88	ND	27.15		5783.73
MW-1	05/26/10	5810.88	26.95	27.07	0.12	5783.90
MW-1	09/30/10	5810.88	ND	26.40		5784.48
MW-1	11/01/10	5810.88	ND	26.14		5784.74
MW-1	02/02/11	5810.88	ND	26.18		5784.70
MW-1	05/10/11	5810.88	ND	26.22		5784.66
MW-1	09/26/11	5810.88	ND	25.39		5785.49
MW-1	11/01/11	5810.88	ND	26.26		5784.62
MW-1	02/16/12	5810.88	ND	26.70		5784.18
MW-1	05/08/12	5810.88	ND	26.80		5784.08
MW-1	06/07/13	5810.88	27.36	28.77	1.41	5783.22
MW-1	09/12/13	5810.88	27.41	28.95	1.54	5783.14
MW-1	12/13/13	5810.88	27.29	28.62	1.33	5783.31
MW-1	04/05/14	5810.88	27.42	28.98	1.56	5783.13
MW-1	10/21/14	5810.88	27.40	28.50	1.10	5783.24
MW-1	05/27/15	5810.88	27.58	29.29	1.71	5782.94
MW-1	11/18/15	5810.88	26.92	27.22	0.30	5783.89
MW-1	04/15/16	5810.88	27.09	27.51	0.42	5783.70

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	10/11/16	5810.88	26.82	26.90	0.08	5784.04
MW-1	06/10/17	5810.88	26.46	26.50	0.04	5784.41
MW-1	07/11/17	5810.88	ND	23.61		5787.27
MW-1	11/12/17	5810.88	ND	25.89		5784.99
MW-1	03/25/18	5810.88	26.33	26.40	0.07	5784.53
MW-1	05/07/18	5810.88	26.58	26.67	0.09	5784.28
MW-1	05/19/18	5810.88	26.54	26.61	0.07	5784.32
MW-1	07/11/18	5810.88	26.72	26.86	0.14	5784.13
MW-1	10/29/18	5810.88	26.75	26.94	0.19	5784.09
MW-1	05/20/19	5810.88	27.50	27.70	0.20	5783.33
MW-1	05/16/20	5810.88	27.47	28.70	1.23	5783.15
MW-1	08/18/20	5810.88	27.56	28.80	1.24	5783.05
MW-1	11/15/20	5810.88	27.60	28.80	1.20	5783.02
MW-1	03/17/21	5810.88	NM	NM	1.18	NM
MW-1	05/23/21	5810.88	27.94	29.39	1.45	5782.63
MW-1	08/28/21	5810.88	28.03	29.39	1.36	5782.56
MW-1	11/13/21	5810.88	28.05	29.36	1.31	5782.55
MW-1	03/22/22	5810.88	28.33	29.62	1.29	5782.27
MW-1	05/18/22	5810.88	28.34	29.80	1.46	5782.23
MW-1	07/29/22	5810.88	28.43	29.83	1.40	5782.15
MW-1	11/03/22	5810.88	28.35	30.58	2.23	5782.06
MW-2	12/11/95	5809.46	NR	25.32		5784.14
MW-2	12/04/96	5809.46	NR	26.09		5783.37
MW-2	03/05/97	5809.46	NR	26.30		5783.16
MW-2	10/11/00	5809.46	NR	26.41		5783.05
MW-2	04/06/01	5809.46	NR	26.64		5782.82
MW-2	06/05/01	5809.46	NR	26.81		5782.65
MW-2	06/25/01	5809.46	NR	26.79		5782.67
MW-2	12/21/01	5809.46	NR	26.79		5782.67
MW-2	05/15/02	5809.46	NR	27.02		5782.44
MW-2	06/05/02	5809.46	NR	27.06		5782.40
MW-2	09/06/02	5809.46	NR	27.09		5782.37
MW-2	09/13/02	5809.46	NR	27.07		5782.39
MW-2	12/18/02	5809.46	NR	27.09		5782.37
MW-2	06/19/03	5809.46	ND	27.04		5782.42
MW-2	09/22/03	5809.46	ND	26.82		5782.64
MW-2	12/15/03	5809.46	ND	26.42		5783.04
MW-2	03/16/04	5809.46	ND	26.33		5783.13
MW-2	06/09/04	5809.46	ND	26.34		5783.12
MW-2	09/10/04	5809.46	ND	26.17		5783.29

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	12/14/04	5809.46	ND	26.13		5783.33
MW-2	03/17/05	5809.46	ND	26.14		5783.32
MW-2	06/23/05	5809.46	ND	25.81		5783.65
MW-2	09/13/05	5809.46	ND	25.54		5783.92
MW-2	10/28/05	5809.46	ND	26.43		5783.03
MW-2	12/22/05	5809.46	ND	25.35		5784.11
MW-2	03/25/06	5809.46	ND	25.53		5783.93
MW-2	06/14/06	5809.46	ND	25.66		5783.80
MW-2	09/25/06	5809.46	ND	25.59		5783.87
MW-2	12/27/06	5809.46	ND	25.17		5784.29
MW-2	03/26/07	5809.46	ND	25.40		5784.06
MW-2	06/11/07	5809.46	ND	25.48		5783.98
MW-2	09/18/07	5809.46	ND	25.47		5783.99
MW-2	03/04/08	5809.46	ND	26.72		5782.74
MW-2	06/12/08	5809.46	ND	25.62		5783.84
MW-2	09/08/08	5809.46	ND	26.35		5783.11
MW-2	12/03/08	5809.46	ND	25.45		5784.01
MW-2	03/02/09	5809.46	ND	25.70		5783.76
MW-2	06/03/09	5809.46	ND	25.95		5783.51
MW-2	08/27/09	5809.46	ND	25.97		5783.49
MW-2	11/02/09	5809.46	ND	25.99		5783.47
MW-2	02/11/10	5809.46	ND	26.17		5783.29
MW-2	05/26/10	5809.46	ND	26.07		5783.39
MW-2	09/30/10	5809.46	ND	25.42		5784.04
MW-2	11/01/10	5809.46	ND	25.28		5784.18
MW-2	02/02/11	5809.46	ND	24.32		5785.14
MW-2	05/10/11	5809.46	ND	25.43		5784.03
MW-2	09/26/11	5809.46	ND	25.52		5783.94
MW-2	11/01/11	5809.46	ND	25.56		5783.90
MW-2	02/16/12	5809.46	ND	25.82		5783.64
MW-2	05/08/12	5809.46	ND	26.02		5783.44
MW-2	06/07/13	5809.46	ND	26.53		5782.93
MW-2	09/12/13	5809.46	ND	26.68		5782.78
MW-2	12/13/13	5809.46	ND	26.38		5783.08
MW-2	04/05/14	5809.46	ND	26.37		5783.09
MW-2	10/21/14	5809.46	ND	26.45		5783.01
MW-2	05/27/15	5809.46	ND	26.57		5782.89
MW-2	11/18/15	5809.46	ND	25.90		5783.56
MW-2	04/15/16	5809.46	ND	26.23		5783.23
MW-2	10/11/16	5809.46	ND	26.06		5783.40

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	06/10/17	5809.46	ND	25.75		5783.71
MW-2	11/10/17	5809.46	ND	25.48		5783.98
MW-2	05/19/18	5809.46	ND	25.97		5783.49
MW-2	10/29/18	5809.46	ND	26.15		5783.31
MW-2	05/20/19	5809.46	ND	26.58		5782.88
MW-2	11/11/19	5809.46	ND	26.53		5782.93
MW-2	05/16/20	5809.46	ND	26.77		5782.69
MW-2	11/15/20	5809.46	ND	26.77		5782.69
MW-2	05/23/21	5809.46	ND	27.05		5782.41
MW-2	08/28/21	5809.46	ND	27.14		5782.32
MW-2	11/13/21	5809.46	ND	27.12		5782.34
MW-2	05/18/22	5809.46	ND	27.33		5782.13
MW-2	11/03/22	5809.46	ND	27.36		5782.10
MW-3	12/11/95	5810.13	NR	26.52		5783.61
MW-3	12/04/96	5810.13	27.16	27.72	0.56	5782.85
MW-3	03/05/97	5810.13	27.09	28.87	1.78	5782.66
MW-3	03/12/01	5810.13	27.84	29.18	1.34	5782.00
MW-3	04/06/01	5810.13	27.86	29.27	1.41	5781.97
MW-3	06/05/01	5810.13	28.06	29.48	1.42	5781.77
MW-3	06/14/01	5810.13	27.98	29.41	1.43	5781.84
MW-3	06/28/01	5810.13	28.15	29.57	1.42	5781.68
MW-3	07/06/01	5810.13	28.06	29.41	1.35	5781.78
MW-3	07/11/01	5810.13	28.26	29.61	1.35	5781.58
MW-3	07/20/01	5810.13	28.13	29.43	1.30	5781.72
MW-3	08/02/01	5810.13	28.22	29.50	1.28	5781.64
MW-3	08/08/01	5810.13	28.16	29.40	1.24	5781.70
MW-3	08/16/01	5810.13	28.21	29.46	1.25	5781.65
MW-3	08/20/01	5810.13	28.31	29.61	1.30	5781.54
MW-3	08/31/01	5810.13	28.17	29.47	1.30	5781.68
MW-3	09/06/01	5810.13	28.31	29.62	1.31	5781.54
MW-3	09/17/01	5810.13	28.34	29.62	1.28	5781.52
MW-3	09/25/01	5810.13	28.22	29.48	1.26	5781.64
MW-3	10/03/01	5810.13	28.25	29.47	1.22	5781.62
MW-3	10/11/01	5810.13	28.23	29.50	1.27	5781.63
MW-3	12/04/01	5810.13	28.55	29.89	1.34	5781.29
MW-3	12/13/01	5810.13	28.54	29.89	1.35	5781.30
MW-3	12/21/01	5810.13	28.36	29.63	1.27	5781.50
MW-3	12/28/01	5810.13	28.43	29.68	1.25	5781.43
MW-3	01/04/02	5810.13	28.39	29.63	1.24	5781.47
MW-3	01/08/02	5810.13	28.41	29.59	1.18	5781.47

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	01/17/02	5810.13	28.70	30.00	1.30	5781.15
MW-3	01/23/02	5810.13	28.70	28.71	0.01	5781.42
MW-3	01/31/02	5810.13	28.68	28.70	0.02	5781.44
MW-3	02/07/02	5810.13	28.70	30.00	1.30	5781.15
MW-3	02/14/02	5810.13	27.80	28.80	1.00	5782.12
MW-3	02/20/02	5810.13	28.74	28.76	0.02	5781.38
MW-3	02/28/02	5810.13	28.64	29.82	1.18	5781.24
MW-3	03/06/02	5810.13	28.55	29.72	1.17	5781.33
MW-3	03/11/02	5810.13	28.72	29.90	1.18	5781.16
MW-3	03/21/02	5810.13	28.61	29.82	1.21	5781.26
MW-3	03/28/02	5810.13	28.57	29.74	1.17	5781.31
MW-3	04/04/02	5810.13	28.66	29.84	1.18	5781.22
MW-3	04/12/02	5810.13	28.93	30.28	1.35	5780.91
MW-3	04/19/02	5810.13	28.93	30.25	1.32	5780.92
MW-3	04/25/02	5810.13	28.93	30.24	1.31	5780.92
MW-3	05/03/02	5810.13	NR	28.96	0.00	5781.17
MW-3	05/15/02	5810.13	28.69	29.86	1.17	5781.19
MW-3	05/24/02	5810.13	28.53	29.53	1.00	5781.39
MW-3	05/31/02	5810.13	28.72	29.96	1.24	5781.14
MW-3	06/07/02	5810.13	28.72	29.91	1.19	5781.16
MW-3	06/14/02	5810.13	28.97	30.31	1.34	5780.87
MW-3	06/21/02	5810.13	29.32	30.54	1.22	5780.55
MW-3	06/27/02	5810.13	29.30	30.65	1.35	5780.54
MW-3	07/02/02	5810.13	29.25	30.56	1.31	5780.60
MW-3	07/11/02	5810.13	29.31	30.66	1.35	5780.53
MW-3	07/22/02	5810.13	29.17	30.54	1.37	5780.67
MW-3	07/25/02	5810.13	29.25	30.40	1.15	5780.64
MW-3	07/31/02	5810.13	29.04	30.38	1.34	5780.80
MW-3	08/08/02	5810.13	29.13	30.15	1.03	5780.78
MW-3	08/16/02	5810.13	29.30	35.25	5.95	5779.58
MW-3	08/22/02	5810.13	28.74	30.07	1.33	5781.11
MW-3	08/28/02	5810.13	28.78	29.75	0.97	5781.14
MW-3	09/06/02	5810.13	28.98	30.03	1.06	5780.93
MW-3	09/13/02	5810.13	28.63	29.29	0.66	5781.36
MW-3	09/19/02	5810.13	29.42	30.43	1.02	5780.50
MW-3	09/25/02	5810.13	29.40	30.28	0.88	5780.54
MW-3	10/04/02	5810.13	29.35	30.19	0.85	5780.60
MW-3	10/10/02	5810.13	29.46	30.32	0.86	5780.49
MW-3	10/15/02	5810.13	29.50	30.29	0.79	5780.46
MW-3	10/23/02	5810.13	29.66	30.32	0.66	5780.33

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	10/30/02	5810.13	29.32	30.58	1.26	5780.54
MW-3	11/08/02	5810.13	29.36	30.58	1.22	5780.51
MW-3	11/21/02	5810.13	29.45	30.45	1.00	5780.47
MW-3	12/04/02	5810.13	29.48	30.47	0.99	5780.44
MW-3	12/10/02	5810.13	29.48	30.23	0.75	5780.49
MW-3	12/18/02	5810.13	29.38	30.28	0.90	5780.56
MW-3	12/27/02	5810.13	29.45	30.21	0.76	5780.52
MW-3	01/07/03	5810.13	29.45	30.26	0.81	5780.50
MW-3	01/22/03	5810.13	28.75	29.46	0.71	5781.23
MW-3	01/29/03	5810.13	28.76	29.34	0.58	5781.24
MW-3	02/05/03	5810.13	28.29	28.77	0.48	5781.73
MW-3	02/12/03	5810.13	28.78	29.33	0.55	5781.23
MW-3	02/20/03	5810.13	28.77	29.33	0.56	5781.24
MW-3	02/28/03	5810.13	28.80	29.31	0.51	5781.22
MW-3	03/02/03	5810.13	28.81	29.27	0.46	5781.22
MW-3	03/06/03	5810.13	28.79	29.31	0.52	5781.23
MW-3	03/19/03	5810.13	28.82	29.30	0.48	5781.20
MW-3	03/26/03	5810.13	28.82	29.33	0.51	5781.20
MW-3	04/02/03	5810.13	28.80	29.33	0.53	5781.21
MW-3	04/10/03	5810.13	28.84	29.32	0.48	5781.18
MW-3	04/18/03	5810.13	28.85	29.29	0.44	5781.18
MW-3	04/28/03	5810.13	28.86	29.19	0.33	5781.20
MW-3	05/07/03	5810.13	28.83	29.25	0.42	5781.21
MW-3	05/13/03	5810.13	28.85	29.27	0.42	5781.19
MW-3	05/21/03	5810.13	28.86	29.29	0.43	5781.17
MW-3	05/27/03	5810.13	28.85	29.21	0.36	5781.20
MW-3	06/03/03	5810.13	28.84	29.23	0.39	5781.20
MW-3	06/09/03	5810.13	28.84	29.20	0.36	5781.21
MW-3	06/16/03	5810.13	28.82	29.20	0.38	5781.23
MW-3	06/19/03	5810.13	28.86	29.16	0.30	5781.20
MW-3	06/23/03	5810.13	28.83	29.23	0.40	5781.21
MW-3	07/01/03	5810.13	29.78	29.85	0.07	5780.33
MW-3	07/10/03	5810.13	29.96	30.39	0.43	5780.07
MW-3	07/15/03	5810.13	30.12	30.29	0.17	5779.97
MW-3	07/21/03	5810.13	30.11	30.24	0.13	5779.99
MW-3	07/29/03	5810.13	29.89	30.14	0.25	5780.18
MW-3	08/04/03	5810.13	29.62	29.94	0.32	5780.44
MW-3	08/11/03	5810.13	30.02	30.09	0.07	5780.09
MW-3	08/18/03	5810.13	30.01	30.09	0.08	5780.10
MW-3	08/25/03	5810.13	30.00	30.09	0.09	5780.11

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	09/02/03	5810.13	30.03	30.12	0.09	5780.08
MW-3	09/08/03	5810.13	30.05	30.15	0.10	5780.05
MW-3	09/15/03	5810.13	29.97	30.05	0.08	5780.14
MW-3	09/22/03	5810.13	28.70	29.14	0.44	5781.33
MW-3	09/29/03	5810.13	29.95	29.98	0.03	5780.17
MW-3	10/06/03	5810.13	29.94	30.00	0.06	5780.17
MW-3	10/13/03	5810.13	29.89	29.95	0.06	5780.22
MW-3	10/20/03	5810.13	29.80	29.86	0.06	5780.31
MW-3	10/27/03	5810.13	29.80	29.85	0.05	5780.31
MW-3	11/03/03	5810.13	29.80	29.83	0.03	5780.32
MW-3	11/10/03	5810.13	29.65	29.66	0.01	5780.47
MW-3	11/17/03	5810.13	29.31	29.32	0.01	5780.81
MW-3	11/26/03	5810.13	29.31	29.32	0.01	5780.81
MW-3	12/04/03	5810.13	ND	29.23		5780.90
MW-3	12/09/03	5810.13	ND	29.24		5780.89
MW-3	12/15/03	5810.13	ND	28.40		5781.73
MW-3	01/02/04	5810.13	ND	28.42		5781.71
MW-3	01/11/04	5810.13	28.36	28.37	0.01	5781.76
MW-3	01/16/04	5810.13	28.25	28.25	<0.01	5781.88
MW-3	01/23/04	5810.13	ND	28.22		5781.91
MW-3	01/30/04	5810.13	28.22	28.22	<0.01	5781.90
MW-3	02/06/04	5810.13	ND	28.23		5781.90
MW-3	02/12/04	5810.13	ND	28.20		5781.93
MW-3	02/18/04	5810.13	ND	28.17		5781.96
MW-3	02/27/04	5810.13	ND	28.20		5781.93
MW-3	03/16/04	5810.13	ND	28.21		5781.92
MW-3	04/13/04	5810.13	ND	28.19		5781.94
MW-3	05/10/04	5810.13	ND	28.22		5781.91
MW-3	06/02/04	5810.13	ND	28.19		5781.94
MW-3	06/09/04	5810.13	ND	28.21		5781.92
MW-3	07/26/04	5810.13	ND	28.08		5782.05
MW-3	08/16/04	5810.13	ND	28.08		5782.05
MW-3	09/09/04	5810.13	ND	28.02		5782.11
MW-3	09/10/04	5810.13	ND	28.03		5782.10
MW-3	10/11/04	5810.13	ND	27.96		5782.17
MW-3	11/17/04	5810.13	ND	27.87		5782.26
MW-3	12/13/04	5810.13	ND	27.87		5782.26
MW-3	12/14/04	5810.13	ND	27.83		5782.30
MW-3	01/17/05	5810.13	ND	27.78		5782.35
MW-3	02/15/05	5810.13	ND	27.74		5782.39

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	03/16/05	5810.13	ND	27.72		5782.41
MW-3	03/17/05	5810.13	ND	27.69		5782.44
MW-3	04/15/05	5810.13	ND	27.69		5782.44
MW-3	05/17/05	5810.13	ND	27.38		5782.75
MW-3	06/23/05	5810.13	ND	27.19		5782.94
MW-3	07/19/05	5810.13	ND	27.07		5783.06
MW-3	08/22/05	5810.13	ND	26.87		5783.26
MW-3	09/13/05	5810.13	ND	26.78		5783.35
MW-3	10/28/05	5810.13	ND	26.43		5783.70
MW-3	11/18/05	5810.13	ND	26.44		5783.69
MW-3	12/22/05	5810.13	ND	26.36		5783.77
MW-3	01/18/06	5810.13	ND	23.36		5786.77
MW-3	02/21/06	5810.13	ND	26.52		5783.61
MW-3	03/25/06	5810.13	ND	26.60		5783.53
MW-3	04/28/06	5810.13	ND	26.73		5783.40
MW-3	05/23/06	5810.13	ND	26.78		5783.35
MW-3	06/14/06	5810.13	ND	26.71		5783.42
MW-3	09/25/06	5810.13	ND	26.34		5783.79
MW-3	12/27/06	5810.13	ND	26.96		5783.17
MW-3	03/26/07	5810.13	ND	26.40		5783.73
MW-3	06/11/07	5810.13	ND	26.42		5783.71
MW-3	09/18/07	5810.13	ND	26.50		5783.63
MW-3	03/04/08	5810.13	ND	26.65		5783.48
MW-3	06/12/08	5810.13	ND	26.42		5783.71
MW-3	09/08/08	5810.13	ND	26.32		5783.81
MW-3	12/03/08	5810.13	ND	26.53		5783.60
MW-3	03/02/09	5810.13	ND	26.75		5783.38
MW-3	06/03/09	5810.13	ND	26.97		5783.16
MW-3	08/27/09	5810.13	ND	26.99		5783.14
MW-3	11/02/09	5810.13	ND	27.04		5783.09
MW-3	02/11/10	5810.13	ND	26.23		5783.90
MW-3	05/26/10	5810.13	ND	26.87		5783.26
MW-3	09/30/10	5810.13	ND	26.25		5783.88
MW-3	11/01/10	5810.13	ND	26.15		5783.98
MW-3	02/02/11	5810.13	ND	26.38		5783.75
MW-3	05/10/11	5810.13	ND	26.45		5783.68
MW-3	09/26/11	5810.13	ND	26.55		5783.58
MW-3	11/01/11	5810.13	ND	26.57		5783.56
MW-3	02/16/12	5810.13	ND	26.88		5783.25
MW-3	05/08/12	5810.13	ND	27.97		5782.16

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	06/07/13	5810.13	ND	27.61		5782.52
MW-3	09/12/13	5810.13	ND	27.69		5782.44
MW-3	12/13/13	5810.13	ND	27.26		5782.87
MW-3	04/05/14	5810.13	ND	27.39		5782.74
MW-3	10/21/14	5810.13	ND	27.51		5782.62
MW-3	05/27/15	5810.13	ND	27.50		5782.63
MW-3	11/18/15	5810.13	ND	26.92		5783.21
MW-3	04/15/16	5810.13	ND	27.28		5782.85
MW-3	10/11/16	5810.13	ND	27.08		5783.05
MW-3	06/10/17	5810.13	ND	26.77		5783.36
MW-3	11/10/17	5810.13	ND	26.57		5783.56
MW-3	05/19/18	5810.13	ND	27.10		5783.03
MW-3	10/29/18	5810.13	ND	27.31		5782.82
MW-3	05/20/19	5810.13	ND	27.71		5782.42
MW-3	11/11/19	5810.13	ND	27.76		5782.37
MW-3	05/16/20	5810.13	ND	27.47		5782.66
MW-3	11/15/20	5810.13	ND	28.11		5782.02
MW-3	05/23/21	5810.13	ND	28.41		5781.72
MW-3	08/28/21	5810.13	ND	28.45		5781.68
MW-3	11/13/21	5810.13	ND	28.48		5781.65
MW-3	05/18/22	5810.13	ND	28.70		5781.43
MW-3	11/03/22	5810.13	ND	28.80		5781.33
MW-4	12/11/95	5809.54	NR	25.55		5783.99
MW-4	12/04/96	5809.54	NR	26.27		5783.27
MW-4	03/05/97	5809.54	NR	26.44		5783.10
MW-4	10/11/00	5809.54	NR	26.56		5782.98
MW-4	04/06/01	5809.54	NR	26.82		5782.72
MW-4	06/05/01	5809.54	NR	26.94		5782.60
MW-4	06/25/01	5809.54	NR	26.93		5782.61
MW-4	12/21/01	5809.54	NR	26.92		5782.62
MW-4	05/15/02	5809.54	NR	27.14		5782.40
MW-4	06/05/02	5809.54	NR	27.16		5782.38
MW-4	09/06/02	5809.54	NR	27.19		5782.35
MW-4	12/18/02	5809.54	NR	27.02		5782.52
MW-4	06/19/03	5809.54	ND	26.92		5782.62
MW-4	09/22/03	5809.54	ND	26.83		5782.71
MW-4	12/15/03	5809.54	ND	26.37		5783.17
MW-4	03/16/04	5809.54	ND	26.40		5783.14
MW-4	06/09/04	5809.54	ND	26.41		5783.13
MW-4	09/10/04	5809.54	ND	26.29		5783.25

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	12/14/04	5809.54	ND	26.19		5783.35
MW-4	03/17/05	5809.54	ND	26.23		5783.31
MW-4	06/23/05	5809.54	ND	25.90		5783.64
MW-4	09/13/05	5809.54	ND	25.69		5783.85
MW-4	12/22/05	5809.54	ND	25.49		5784.05
MW-4	03/25/06	5809.54	ND	25.68		5783.86
MW-4	06/14/06	5809.54	ND	25.83		5783.71
MW-4	09/25/06	5809.54	ND	25.67		5783.87
MW-4	12/27/06	5809.54	ND	25.22		5784.32
MW-4	03/26/07	5809.54	ND	25.53		5784.01
MW-4	06/11/07	5809.54	ND	25.60		5783.94
MW-4	09/18/07	5809.54	ND	25.62		5783.92
MW-4	03/04/08	5809.54	ND	25.88		5783.66
MW-4	06/12/08	5809.54	ND	25.64		5783.90
MW-4	09/08/08	5809.54	ND	25.46		5784.08
MW-4	12/03/08	5809.54	ND	25.60		5783.94
MW-4	03/02/09	5809.54	ND	25.85		5783.69
MW-4	06/03/09	5809.54	ND	26.13		5783.41
MW-4	08/27/09	5809.54	ND	26.09		5783.45
MW-4	11/02/09	5809.54	ND	26.13		5783.41
MW-4	02/11/10	5809.54	ND	26.28		5783.26
MW-4	05/26/10	5809.54	ND	26.10		5783.44
MW-4	09/30/10	5809.54	ND	25.47		5784.07
MW-4	11/01/10	5809.54	ND	25.35		5784.19
MW-4	02/02/11	5809.54	ND	24.50		5785.04
MW-4	05/10/11	5809.54	ND	25.57		5783.97
MW-4	09/26/11	5809.54	ND	25.66		5783.88
MW-4	11/01/11	5809.54	ND	25.72		5783.82
MW-4	02/16/12	5809.54	ND	25.95		5783.59
MW-4	05/08/12	5809.54	ND	26.16		5783.38
MW-4	06/07/13	5809.54	ND	26.68		5782.86
MW-4	09/12/13	5809.54	ND	26.78		5782.76
MW-4	12/13/13	5809.54	ND	26.35		5783.19
MW-4	04/05/14	5809.54	ND	26.44		5783.10
MW-4	10/21/14	5809.54	ND	26.56		5782.98
MW-4	05/27/15	5809.54	ND	26.80		5782.74
MW-4	11/18/15	5809.54	ND	26.02		5783.52
MW-4	04/15/16	5809.54	ND	26.36		5783.18
MW-4	10/11/16	5809.54	ND	26.05		5783.49
MW-4	06/10/17	5809.54	ND	25.86		5783.68

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	11/12/17	5809.54	ND	25.69		5783.85
MW-4	05/19/18	5809.54	ND	26.14		5783.40
MW-4	10/29/18	5809.54	ND	26.31		5783.23
MW-4	05/20/19	5809.54	ND	26.72		5782.82
MW-4	11/11/19	5809.54	ND	26.66		5782.88
MW-4	05/16/20	5809.54	ND	26.89		5782.65
MW-4	11/15/20	5809.54	ND	26.91		5782.63
MW-4	05/23/21	5809.54	ND	27.15		5782.39
MW-4	08/28/21	5809.54	ND	27.23		5782.31
MW-4	11/13/21	5809.54	ND	27.22		5782.32
MW-4	05/18/22	5809.54	ND	27.41		5782.13
MW-4	11/03/22	5809.54	ND	27.43		5782.11
MW-5	10/11/16	5811.49	ND	31.51		5779.98
MW-5	06/10/17	5811.49	ND	32.09		5779.40
MW-5	11/10/17	5811.49	ND	26.82		5784.67
MW-5	05/19/18	5811.49	ND	30.83		5780.66
MW-5	07/11/18	5811.49	ND	31.32		5780.17
MW-5	10/29/18	5811.49	ND	28.43		5783.06
MW-5	05/20/19	5811.49	ND	32.76		5778.73
MW-5	11/11/19	5811.49	ND	29.04		5782.45
MW-5	05/16/20	5811.49	ND	33.06		5778.43
MW-5	11/15/20	5811.49	ND	29.05		5782.44
MW-5	05/23/21	5811.49	ND	33.36		5778.13
MW-5	08/28/21	5811.49	ND	33.14		5778.35
MW-5	11/13/21	5811.49	ND	29.60		5781.89
MW-5	05/18/22	5811.49	ND	33.71		5777.78
MW-5	11/03/22	5811.49	ND	30.44		5781.05
MW-6	10/11/16	5807.41	ND	22.28		5785.13
MW-6	06/10/17	5807.41	ND	21.82		5785.59
MW-6	11/10/17	5807.41	ND	21.68		5785.73
MW-6	05/19/18	5807.41	ND	22.35		5785.06
MW-6	07/11/18	5807.41	ND	22.41		5785.00
MW-6	10/29/18	5807.41	ND	22.47		5784.94
MW-6	05/20/19	5807.41	ND	22.84		5784.57
MW-6	11/11/19	5807.41	ND	23.37		5784.04
MW-6	05/16/20	5807.41	ND	22.74		5784.67
MW-6	11/15/20	5807.41	ND	22.62		5784.79
MW-6	05/23/21	5807.41	ND	22.90		5784.51
MW-6	08/28/21	5807.41	ND	22.88		5784.53

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	11/13/21	5807.41	ND	22.78		5784.63
MW-6	05/18/22	5807.41	ND	22.92		5784.49
MW-6	11/03/22	5807.41	ND	22.77		5784.64
MW-7	10/11/16	5807.17	ND	23.38		5783.79
MW-7	06/10/17	5807.17	ND	22.83		5784.34
MW-7	11/10/17	5807.17	ND	22.38		5784.79
MW-7	05/19/18	5807.17	ND	23.15		5784.02
MW-7	07/11/18	5807.17	23.19	23.21	0.02	5783.98
MW-7	10/29/18	5807.17	25.32	25.40	0.08	5781.83
MW-7	05/20/19	5807.17	23.93	24.50	0.57	5783.12
MW-7	11/11/19	5807.17	ND	23.83		5783.34
MW-7	05/16/20	5807.17	24.06	24.88	0.82	5782.94
MW-7	08/18/20	5807.17	24.42	24.51	0.09	5782.73
MW-7	11/15/20	5807.17	24.34	24.46	0.12	5782.80
MW-7	03/17/21	5807.17	NM	NM	<0.01	NM
MW-7	05/23/21	5807.17	24.75	24.79	0.04	5782.41
MW-7	08/28/21	5807.17	24.97	25.00	0.03	5782.19
MW-7	11/13/21	5807.17	ND	24.84	0.00	5782.33
MW-7	03/22/22	5807.17	25.14	25.16	0.02	5782.03
MW-7	05/18/22	5807.17	25.12	25.14	0.02	5782.05
MW-7	07/29/22	5807.17	25.20	25.22	0.02	5781.97
MW-7	11/03/22	5807.17	25.12	25.13	0.01	5782.05
MW-8	10/11/16	5806.62	22.51	22.76	0.25	5784.06
MW-8	06/10/17	5806.62	22.05	22.08	0.03	5784.56
MW-8	11/12/17	5806.62	ND	21.62		5785.00
MW-8	03/25/18	5806.62	22.20	22.35	0.15	5784.39
MW-8	05/08/18	5806.62	22.68	22.77	0.09	5783.92
MW-8	05/19/18	5806.62	22.45	22.48	0.03	5784.16
MW-8	07/11/18	5806.62	22.51	22.58	0.07	5784.10
MW-8	10/29/18	5806.62	22.69	22.71	0.02	5783.93
MW-8	05/20/19	5806.62	23.15	24.04	0.89	5783.28
MW-8	11/11/19	5806.62	23.02	23.62	0.60	5783.47
MW-8	05/16/20	5806.62	23.30	24.29	0.99	5783.11
MW-8	08/18/20	5806.62	23.38	24.35	0.97	5783.04
MW-8	11/15/20	5806.62	23.46	24.40	0.94	5782.96
MW-8	03/17/21	5806.62	NM	NM	0.79	NM
MW-8	05/23/21	5806.62	24.03	25.23	1.20	5782.34
MW-8	08/28/21	5806.62	23.89	25.09	1.20	5782.48
MW-8	11/13/21	5806.62	23.85	25.99	2.14	5782.32

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	03/22/22	5806.62	24.05	26.90	2.85	5781.97
MW-8	05/18/22	5806.62	24.07	28.50	4.43	5781.62
MW-8	07/29/22	5806.62	24.15	28.85	4.70	5781.48
MW-8	11/03/22	5806.62	24.07	26.12	2.05	5782.12
MW-9	10/11/16	5810.31	ND	26.97		5783.34
MW-9	06/10/17	5810.31	ND	26.87		5783.44
MW-9	11/10/17	5810.31	ND	26.31		5784.00
MW-9	05/19/18	5810.31	ND	27.13		5783.18
MW-9	10/29/18	5810.31	ND	27.07		5783.24
MW-9	05/20/19	5810.31	ND	31.81		5778.50
MW-9	11/11/19	5810.31	ND	28.28		5782.03
MW-9	05/16/20	5810.31	ND	33.44		5776.87
MW-9	11/15/20	5810.31	ND	30.15		5780.16
MW-9	05/23/21	5810.31	ND	34.08		5776.23
MW-9	08/28/21	5810.31	ND	34.82		5775.49
MW-9	11/13/21	5810.31	ND	31.22		5779.09
MW-9	05/18/22	5810.31	ND	34.57		5775.74
MW-9	11/03/22	5810.31	ND	32.23		5778.08
MW-10	10/11/16	5807.54	23.90	23.92	0.02	5783.64
MW-10	06/10/17	5807.54	ND	23.56		5783.98
MW-10	11/10/17	5807.54	ND	23.06		5784.48
MW-10	05/19/18	5807.54	ND	23.67		5783.87
MW-10	10/29/18	5807.54	ND	23.82		5783.72
MW-10	05/20/19	5807.54	24.35	24.42	0.07	5783.18
MW-10	11/11/19	5807.54	ND	24.39		5783.15
MW-10	05/16/20	5807.54	24.71	24.82	0.11	5782.81
MW-10	08/18/20	5807.54	24.82	24.87	0.05	5782.71
MW-10	11/15/20	5807.54	24.88	24.92	0.04	5782.65
MW-10	03/17/21	5807.54	NM	NM	ND	NM
MW-10	05/23/21	5807.54	ND	25.22		5782.32
MW-10	08/28/21	5807.54	25.23	25.24	0.01	5782.31
MW-10	11/13/21	5807.54	25.22	25.23	0.01	5782.32
MW-10	03/22/22	5807.54	25.43	25.50	0.07	5782.10
MW-10	05/18/22	5807.54	25.41	25.45	0.04	5782.12
MW-10	07/29/22	5807.54	25.49	25.57	0.08	5782.03
MW-10	11/03/22	5807.54	25.38	25.48	0.10	5782.14
MW-11	10/11/16	5810.13	ND	27.13		5783.00
MW-11	06/10/17	5810.13	ND	26.85		5783.28

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-11	11/10/17	5810.13	ND	26.68		5783.45
MW-11	05/19/18	5810.13	ND	27.21		5782.92
MW-11	10/29/18	5810.13	ND	27.40		5782.73
MW-11	05/20/19	5810.13	ND	27.75		5782.38
MW-11	11/11/19	5810.13	ND	27.82		5782.31
MW-11	05/16/20	5810.13	NA	28.04		5782.09
MW-11	11/15/20	5810.13	NA	28.16		5781.97
MW-11	05/23/21	5810.13	NA	28.43		5781.70
MW-11	08/28/21	5810.13	NA	28.51		5781.62
MW-11	11/13/21	5810.13	28.38	29.00	0.62	5781.62
MW-11	03/22/22	5810.13	28.48	29.77	1.29	5781.38
MW-11	05/18/22	5810.13	28.48	29.74	1.26	5781.39
MW-11	07/29/22	5810.13	28.58	29.79	1.21	5781.30
MW-11	11/03/22	5810.13	28.66	29.56	0.90	5781.28
MW-12	10/11/16	5809.61	ND	26.75		5782.86
MW-12	06/10/17	5809.61	ND	26.50		5783.11
MW-12	11/10/17	5809.61	ND	26.35		5783.26
MW-12	05/19/18	5809.61	ND	26.85		5782.76
MW-12	10/29/18	5809.61	ND	27.03		5782.58
MW-12	05/20/19	5809.61	ND	28.13		5781.48
MW-12	11/11/19	5809.61	ND	27.70		5781.91
MW-12	05/16/20	5809.61	ND	28.48		5781.13
MW-12	11/15/20	5809.61	ND	27.43		5782.18
MW-12	05/23/21	5809.61	ND	29.12		5780.49
MW-12	08/28/21	5809.61	ND	27.84		5781.77
MW-12	11/13/21	5809.61	ND	27.70		5781.91
MW-12	05/18/22	5809.61	ND	30.14		5779.47
MW-12	11/03/22	5809.61	ND	27.71		5781.90
MW-13	11/10/17	5799.15	ND	15.93		5783.22
MW-13	05/19/18	5799.15	ND	16.41		5782.74
MW-13	10/29/18	5799.15	ND	16.60		5782.55
MW-13	05/20/19	5799.15	ND	16.86		5782.29
MW-13	11/11/19	5799.15	ND	16.99		5782.16
MW-13	05/16/20	5799.15	ND	17.11		5782.04
MW-13	11/15/20	5799.15	ND	17.33		5781.82
MW-13	05/23/21	5799.15	ND	17.55		5781.60
MW-13	08/28/21	5799.15	ND	17.64		5781.51
MW-13	11/13/21	5799.15	ND	17.69		5781.46

TABLE 3 - GROUNDWATER ELEVATION RESULTS

James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-13	05/18/22	5799.15	ND	17.91		5781.24
MW-13	11/03/22	5799.15	ND	18.00		5781.15
MW-14	11/10/17	5800.15	ND	16.05		5784.10
MW-14	05/19/18	5800.15	ND	16.69		5783.46
MW-14	10/29/18	5800.15	ND	16.98		5783.17
MW-14	05/20/19	5800.15	ND	17.37		5782.78
MW-14	11/11/19	5800.15	ND	17.44		5782.71
MW-14	05/16/20	5800.15	ND	17.76		5782.39
MW-14	11/15/20	5800.15	ND	17.97		5782.18
MW-14	05/23/21	5800.15	ND	18.44		5781.71
MW-14	08/28/21	5800.15	ND	18.19		5781.96
MW-14	11/13/21	5800.15	ND	18.37		5781.78
MW-14	05/18/22	5800.15	ND	20.58		5779.57
MW-14	11/03/22	5800.15	ND	18.23		5781.92
MW-15	11/10/17	5809.76	ND	25.22		5784.54
MW-15	05/19/18	5809.76	ND	25.97		5783.79
MW-15	10/29/18	5809.76	ND	26.22		5783.54
MW-15	05/20/19	5809.76	ND	26.72		5783.04
MW-15	11/11/19	5809.76	ND	26.69		5783.07
MW-15	05/16/20	5809.76	ND	27.05		5782.71
MW-15	11/15/20	5809.76	ND	27.20		5782.56
MW-15	05/23/21	5809.76	ND	27.53		5782.23
MW-15	08/28/21	5809.76	ND	27.66		5782.10
MW-15	11/13/21	5809.76	ND	27.61		5782.15
MW-15	05/18/22	5809.76	ND	27.82		5781.94
MW-15	11/03/22	5809.76	ND	27.84		5781.92
MW-16	11/10/17	5807.47	ND	22.10		5785.37
MW-16	05/19/18	5807.47	ND	22.95		5784.52
MW-16	07/11/18	5807.47	ND	22.99		5784.48
MW-16	10/29/18	5807.47	ND	23.17		5784.30
MW-16	05/20/19	5807.47	ND	23.77		5783.70
MW-16	11/11/19	5807.47	ND	23.22		5784.25
MW-16	05/16/20	5807.47	NA	23.81		5783.66
MW-16	11/15/20	5807.47	NA	23.74		5783.73
MW-16	05/23/21	5807.47	NA	24.19		5783.28
MW-16	08/28/21	5807.47	ND	24.28		5783.19
MW-16	11/13/21	5807.47	ND	24.18		5783.29

TABLE 3 - GROUNDWATER ELEVATION RESULTS

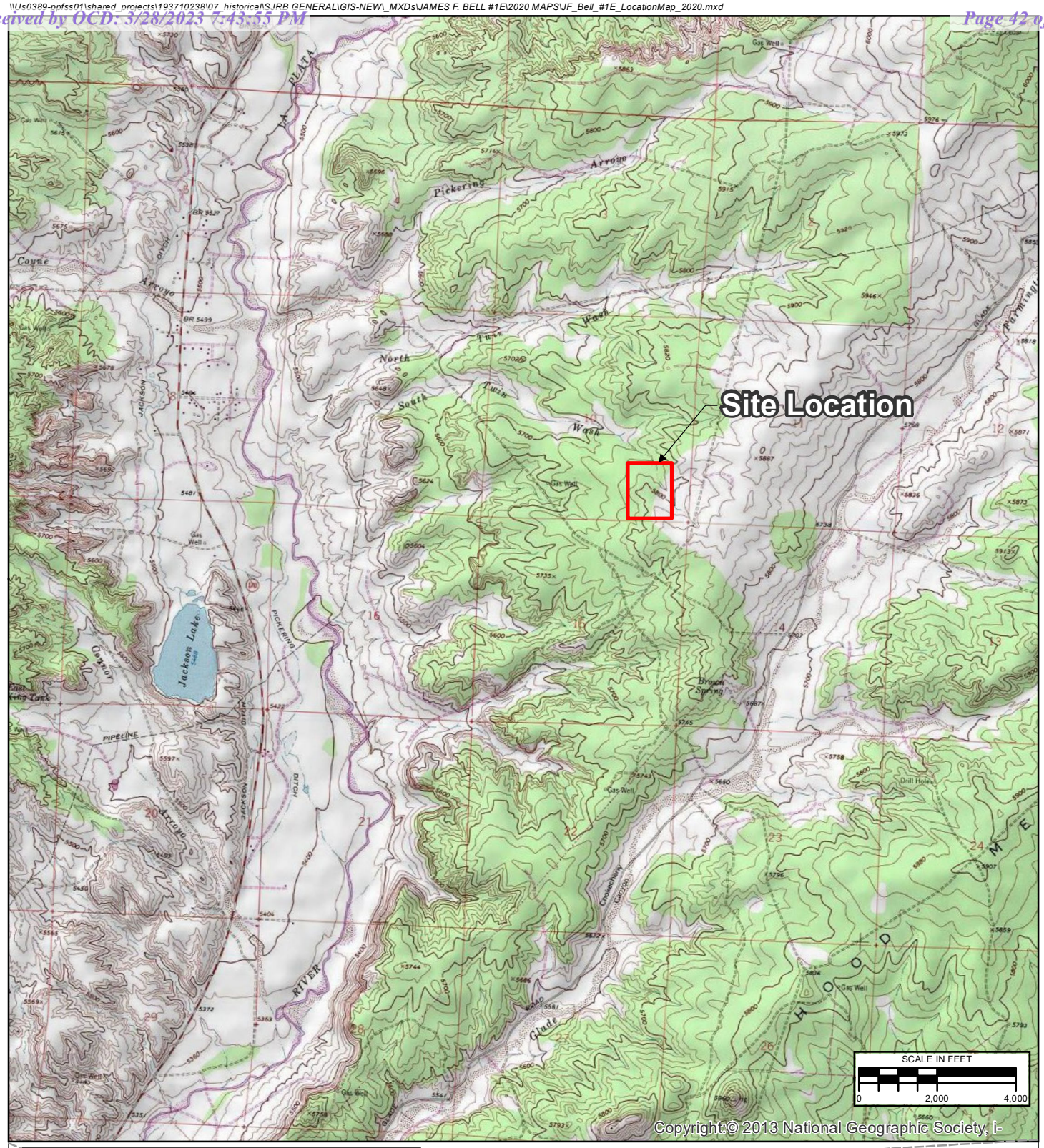
James F. Bell #1E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-16	05/18/22	5807.47	ND	24.51		5782.96
MW-16	11/03/22	5807.47	ND	24.25		5783.22
MW-17	11/10/17	5811.60	ND	25.34		5786.26
MW-17	05/19/18	5811.60	ND	25.96		5785.64
MW-17	10/29/18	5811.60	ND	26.07		5785.53
MW-17	05/20/19	5811.60	ND	26.40		5785.20
MW-17	11/11/19	5811.60	ND	25.95		5785.65
MW-17	05/16/20	5811.60	ND	26.33		5785.27
MW-17	11/15/20	5811.60	ND	26.23		5785.37
MW-17	05/23/21	5811.60	ND	26.54		5785.06
MW-17	08/28/21	5811.60	ND	26.67		5784.93
MW-17	11/13/21	5811.60	ND	26.50		5785.10
MW-17	05/18/22	5811.60	ND	26.65		5784.95
MW-17	11/03/22	5811.60	ND	26.57		5785.03
MW-18	11/10/17	5813.23	ND	DRY		DRY
MW-18	05/19/18	5813.23	ND	35.30		5777.93
MW-18	10/29/18	5813.23	ND	34.82		5778.41
MW-18	05/20/19	5813.23	ND	34.91		5778.32
MW-18	11/11/19	5813.23	ND	35.75		5777.48
MW-18	05/16/20	5813.23	ND	35.39		5777.84
MW-18	11/15/20	5813.23	ND	35.78		5777.45
MW-18	05/23/21	5813.23	ND	35.46		5777.77
MW-18	08/28/21	5813.23	ND	37.24		5775.99
MW-18	11/13/21	5813.23	ND	36.23		5777.00
MW-18	05/18/22	5813.23	ND	35.70		5777.53
MW-18	11/03/22	5813.23	ND	37.01		5776.22
SVE-1	10/29/18	5807.05	ND	22.55		5784.50
SVE-1	05/20/19	5807.05	ND	22.95		5784.10
SVE-1	11/11/19	5807.05	ND	22.90		5784.15
SVE-1	05/16/20	5807.05	ND	22.94		5784.11
SVE-1	11/15/20	5807.05	ND	22.95		5784.10
SVE-1	05/23/21	5807.05	ND	22.98		5784.07
SVE-1	08/28/21	5807.05	ND	22.98		5784.07
SVE-1	05/18/22	5807.05	ND	22.93		5784.12
SVE-1	11/03/22	5807.05	ND	22.93		5784.12

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Notes:
"µg/L" = micrograms per liter
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.
"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.
"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).
"NS" = Monitoring well not sampled
Groundwater elevation = Top of Casing elevation (TOC, ft) - (Depth to Water [ft] + (LPH thickness [ft) x 0.79). A specific gravity of 0.79 was determined based on based on specific gravity testing of the site LNAPL conducted in 2016.

FIGURES

Received by OCD: 3/28/2023 7:43:55 PM



N

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

TITLE

SITE LOCATION

Stantec

PROJECT

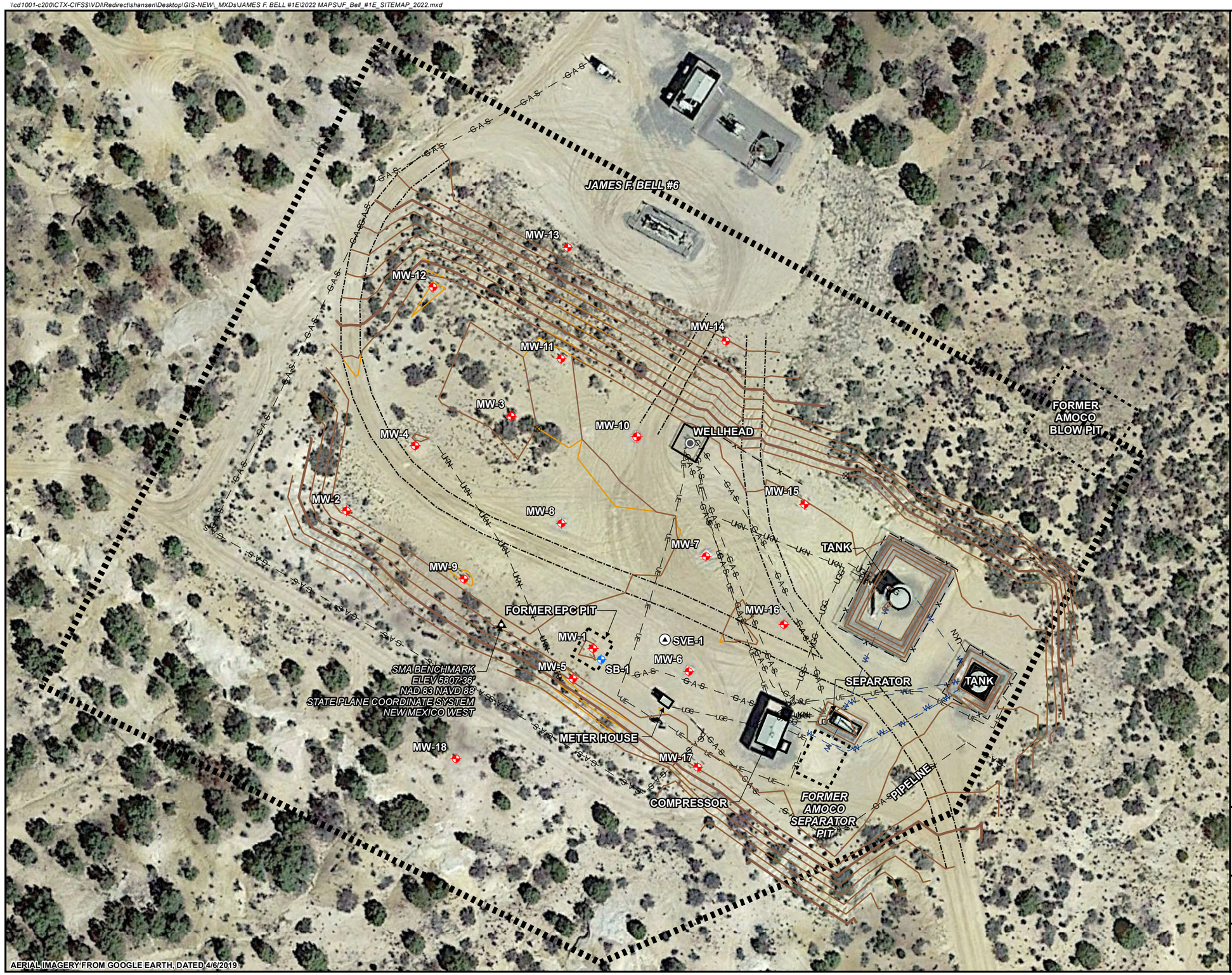
JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

FIGURE

1

Released to Imaging: 5/22/2023 11:55:35 AM

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JAMES F. BELL #1E\2022 MAPS\JF_Bell_#1E_SITEMAP_2022.mxd



LEGEND:

- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED JULY 2013.
- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED NOVEMBER 2017.
- ACCESS ROAD
- FENCE
- NATURAL GAS LINE
- PRODUCED WATER LINE
- UGC UNDERGROUND CABLE
- UKN UNKNOWN BURIED LINE
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR EXTRACTION WELL
- WELLHEAD
- RIG ANCHOR
- SMA BENCHMARK
- RIGHT OF WAY BOUNDARY

N

SCALE IN FEET

0 50 100

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-02-07	SLG	SLG	SRV

TITLE:

SITE PLAN

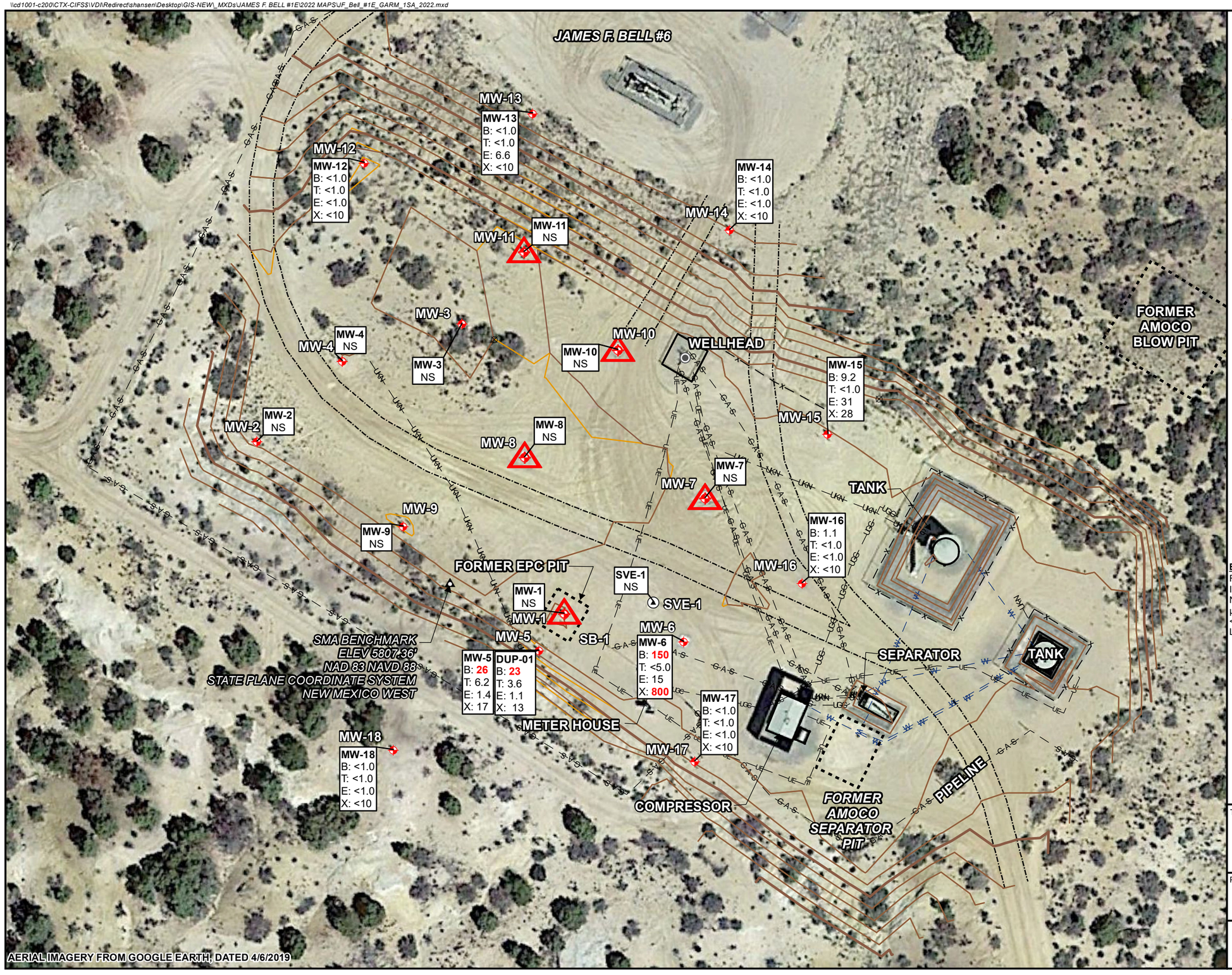
PROJECT:

JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **2**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JAMES F. BELL #1E\2022 MAPS\JF_Bell_#1E_GARM_1SA_2022.mxd



LEGEND:

- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED JULY 2013.
- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED NOVEMBER 2017.
- ACCESS ROAD
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- UGC — UNDERGROUND CABLE
- UKN — UNKNOWN BURIED LINE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- SOIL VAPOR EXTRACTION WELL
- WELLHEAD
- RIG ANCHOR
- SMA BENCHMARK

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = RESULTS BELOW METHOD REPORTING LIMIT
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

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 40 80

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-02-07	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 18, 2022

PROJECT:

JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: 3

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JAMES F. BELL #1E\2022 MAPS\JF_Bell_#1E_GECM_1SA_2022.mxd

JAMES F. BELL #6

MW-12
5779.47
MW-12

MW-13
MW-13
5781.24*

MW-14
5779.57
MW-14

MW-11
MW-11
5781.39

MW-3
5781.43
MW-3

MW-10
5782.12*
MW-10

WELLHEAD

MW-4
MW-4
5782.13

MW-15
5781.94
MW-15

MW-8
5781.62
MW-8

MW-2
MW-2
5782.13

MW-7
MW-7
5782.05

TANK

MW-9
MW-9
5775.74*

MW-16
5782.96
MW-16

FORMER EPC PIT

MW-1
5782.23
MW-1

SVE-1

SMA BENCHMARK
ELEV 5807.36'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

MW-5
MW-5
5777.78*

MW-6
MW-6
5784.49

SEPARATOR

TANK

FORMER AMOCO BLOW PIT

METER HOUSE

MW-18
MW-18
5777.53*

MW-17
MW-17
5784.95

FORMER AMOCO SEPARATOR PIT

PIPELINE

COMPRESSOR

5780 5781 5782 5783 5784 5785

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

LEGEND:

- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED JULY 2013.
- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED NOVEMBER 2017.
- ACCESS ROAD
- FENCE
- GAS — NATURAL GAS LINE
- PW — PRODUCED WATER LINE
- UGC — UNDERGROUND CABLE
- UKN — UNKNOWN BURIED LINE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- SOIL VAPOR EXTRACTION WELL
- WELLHEAD
- RIG ANCHOR
- SMA BENCHMARK

NOTES:

5781.94 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS. FEET ABOVE MEAN SEA LEVEL

5783 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL, 1 FOOT CONTOUR INTERVAL)

DIRECTION OF APPARENT GROUNDWATER FLOW

GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE GROUNDWATER ELEVATION CONTOURS

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

N

SCALE IN FEET
0 40 80

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-03-06	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 18, 2022

PROJECT:

JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: 4

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JAMES F. BELL #1E\2022 MAPS\JF_Bell_#1E_GARM_2SA_2022.mxd

JAMES F. BELL #6

MW-13
MW-13
B: <1.0
T: <1.0
E: 3.9
X: <10

MW-12
MW-12
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-14
MW-14
B: 56
T: <1.0
E: <1.0
X: <10

MW-11
MW-11
NS

MW-3
MW-3
NS

MW-4
MW-4
NS

MW-10
MW-10
NS

WELLHEAD

MW-15
MW-15
B: 3.7
T: <1.0
E: 7.3
X: <10

FORMER AMOCO BLOW PIT

MW-2
MW-2
NS

MW-8
MW-8
NS

MW-7
MW-7
NS

TANK

MW-16
MW-16
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-9
MW-9
NS

FORMER EPC PIT

SVE-1
SVE-1
NS

MW-1
MW-1
NS

SB-1

MW-6
MW-6
B: 160
T: <5.0
E: 27
X: 930

MW-5
MW-5
B: 23
T: 4.4
E: 1.2
X: 11

DUP-01
DUP-01
B: 23
T: 4.7
E: 1.2
X: 11

SEPARATOR

TANK

SMA BENCHMARK
ELEV 5807.36'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

METER HOUSE

MW-17
MW-17
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-18
MW-18
B: <1.0
T: <1.0
E: <1.0
X: <10

COMPRESSOR

FORMER AMOCO SEPARATOR PIT

PIPELINE

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

LEGEND:

- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED JULY 2013.
- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED NOVEMBER 2017.
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- UKN — UNKNOWN BURIED LINE
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- SOIL VAPOR EXTRACTION WELL
- WELLHEAD
- RIG ANCHOR
- SMA BENCHMARK

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NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = RESULTS BELOW METHOD REPORTING LIMIT
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

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 40 80

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-12-09	SAH	SAH	SRV

TITLE:

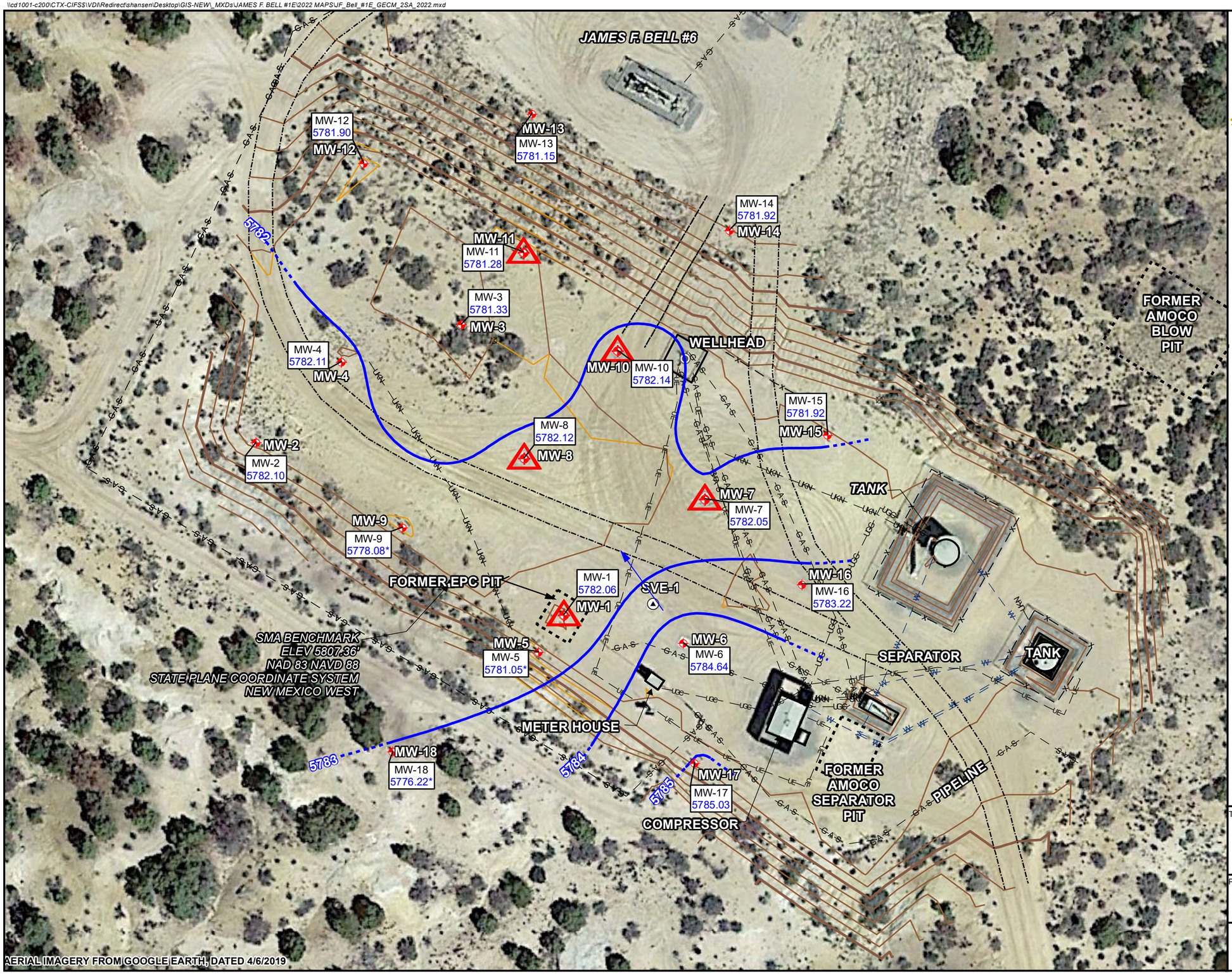
GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 3, 2022

PROJECT:
JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: 5

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JAMES F. BELL #1E\2022 MAPS\JF_Bell_#1E_GECM_2SA_2022.mxd



LEGEND:

- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED JULY 2013.
- 5805 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET SURVEY COMPLETED NOVEMBER 2017.
- ACCESS ROAD
- FENCE
- NATURAL GAS LINE
- PRODUCED WATER LINE
- UGC UNDERGROUND CABLE
- UKN UNKNOWN BURIED LINE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- SOIL VAPOR EXTRACTION WELL
- WELLHEAD
- RIG ANCHOR
- SMA BENCHMARK

NOTES:

5782.06 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS. FEET ABOVE MEAN SEA LEVEL

5783 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL, 1 FOOT CONTOUR INTERVAL)

DIRECTION OF APPARENT GROUNDWATER FLOW

GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE GROUNDWATER ELEVATION CONTOURS

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

N

SCALE IN FEET

0 40 80

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-12-09	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 3, 2022

PROJECT:

JAMES F. BELL #1E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **6**

APPENDICES

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: Tuesday, March 15, 2022 5:10:25 PM

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
Canada Mesa #2	nAUTOfAB000065	3/21/2022
Fields A#7A	nAUTOfAB000176	3/22/2022
Fogelson 4-1	nAUTOfAB000192	3/22/2022
Gallegos Canyon Unit #124E	nAUTOfAB000205	3/21/2022
James F. Bell #1E	nAUTOfAB000291	3/22/2022
Johnston Fed #4	nAUTOfAB000305	3/23/2022
Johnston Fed #6A	nAUTOfAB000309	3/23/2022
K27 LDO72	nAUTOfAB000316	3/21/2022
Knight #1	nAUTOfAB000324	3/22/2022
Lateral L 40 Line Drip	nAUTOfAB000335	3/23/2022
State Gas Com N #1	nAUTOfAB000668	3/22/2022

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
11313 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: Varsa, Steve
To: Nelson.Velez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe
Subject: FW: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Thursday, May 12, 2022 8:33:41 AM

Hi Nelson -

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	5/21/2022
Fields A#7A	nAUTOfAB000176	5/22/2022
Fogelson 4-1	nAUTOfAB000192	5/22/2022
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/19/2022
GCU Com A #142E	nAUTOfAB000219	5/19/2022
James F. Bell #1E	nAUTOfAB000291	5/18/2022
Johnston Fed #4	nAUTOfAB000305	5/20/2022
Johnston Fed #6A	nAUTOfAB000309	5/20/2022
K27 LDO72	nAUTOfAB000316	5/21/2022
Knight #1	nAUTOfAB000324	5/19/2022
Lateral L 40 Line Drip	nAUTOfAB000335	5/18/2022
Miles Fed #1A	nAUTOfAB000391	5/21/2022
Sandoval GC A #1A	nAUTOfAB000635	5/20/2022
Standard Oil Com #1	nAUTOfAB000666	5/21/2022
State Gas Com N #1	nAUTOfAB000668	5/22/2022

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
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From: Varsa, Steve
To: Nelson.Velez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe
Subject: James F. Bell #1E site (nAUTOfAB000291) - notice of upcoming activities
Date: Monday, July 18, 2022 3:54:29 PM
Attachments: 2017-06 Ltr Bayliss-2017 MDPE Work Plan (JF Bell).pdf

Hi Nelson – on behalf of El Paso CGP Company, Stantec is planning to complete product recovery activities using mobile dual-phase extraction methods at the subject site on August 3 and 4, 2022. With the exception of the event durations (1 day per well, 10-hour events), the MDPE methods to be utilized are anticipated to be the same as outlined in the attached work plan, previously submitted to the NMOCD. The results of the LNAPL recovery activities will be included in the 2022 annual report for the Site.

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

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From: Varsa, Steve
To: Nelson.Velez@state.nm.us
Cc: Bratcher, Mike, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, October 26, 2022 3:13:50 PM

Hi Nelson -

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	11/6/2022
Fields A#7A	nAUTOfAB000176	10/31/2022
Fogelson 4-1	nAUTOfAB000192	10/30/2022
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/3/2022
GCU Com A #142E	nAUTOfAB000219	11/2/2022
James F. Bell #1E	nAUTOfAB000291	11/4/2022
Johnston Fed #4	nAUTOfAB000305	11/5/2022
Johnston Fed #6A	nAUTOfAB000309	11/5/2022
K27 LDO72	nAUTOfAB000316	11/6/2022
Knight #1	nAUTOfAB000324	11/4/2022
Lateral L 40 Line Drip	nAUTOfAB000335	10/30/2022
Sandoval GC A #1A	nAUTOfAB000635	11/5/2022
Standard Oil Com #1	nAUTOfAB000666	11/6/2022
State Gas Com N #1	nAUTOfAB000668	11/1/2022

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Saturday, October 29, 2022.

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., R.G.
Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
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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. 824149

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

DATE 3/22/22

DEL. TKT#.

GENERATOR: El Paso CGP Com. LLC

BILL TO: El Paso CGP Com LLC

HAULING CO. Oil Conservation Division

DRIVER: Sean Clary
(Print Full Name)

ORDERED BY: Joe W

CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT

TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		James F. Bell #1E / Fields A #7A	1	70			.70	
2		STATE GAS COM N #1 / K 27 L 007					'22 MAR 22 6:15PM	
3		Fogelson 4-1 / Knight #1						
4		GCU 124E / Miles Fed #1A						
5		Corrales Mesa #2						

I, Sean R Clary, 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

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envirotech

Bill of Lading

MANIFEST # 73058
GENERATOR El Paso
POINT OF ORIGIN Rio Vista Comp Station
TRANSPORTER Envirotech
DATE 05-24-22 JOB # See Below

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	liquid			3.			938	1445	
					3					
					14073-0060	CCLC 0059	1 Drum	San Juan River Plant		
							1 Drum	Blanco North Flare		
					14073-0060		1 Drum	NM GW Pits (15 sites)		

RESULTS		
315	CHLORIDE TEST	1
	CHLORIDE TEST	
	CHLORIDE TEST	
PASS	PAINT FILTER TEST	1

LANDFARM EMPLOYEE Corey Robinson BLM

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

SCANNED

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

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envirotech

Bill of Lading

MANIFEST # 75161
GENERATOR Kinder morgan
POINT OF ORIGIN ~~James ST~~ JF Bell
TRANSPORTER Envirotech
DATE 09.08.22 JOB # 14073-0062

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Con't Water			1			938	1700	
					1					
							Bill 5 yds min DR		SCANNED	

RESULTS		
278	CHLORIDE TEST	1
	CHLORIDE TEST	
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	1

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

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envirotech

BOL# 75161

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 09-08- TIME 1700

Attach test strip here

CUSTOMER Kinder morgan

SITE James SC

DRIVER

SAMPLE Soil Straight _____ With Dirt X

CHLORIDE TEST 278 mg/Kg

ACCEPTED YES X NO _____

PAINT FILTER TEST Time started 1700 Time completed 1713

PASS YES X NO _____

SAMPLER/ANALYST

5796 US Hwy 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 | info@envirotech-inc.com envirotech-inc.com

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. **Generator Name and Address:**
El Paso CGP Company L.L.C., 1001 Louisiana Street, Houston, TX 77002

2. **Originating Site(s):**
James F. Bell #1E

3. **Location of Material (Street Address, City, State or ULSTR):**
SE/4, SE/4, Section 10, T30N, R13W, San Juan County, NM

4. **Source and Description of Waste:**
Historic releases occurred on the above-referenced property. As part of environmental remediation, wastewater from mobile dual-phase extraction activities and LNAPL recovery activities will be removed from the Site.

Estimated Volume 3 yd^3 / (bbls) Known Volume (to be entered by the operator at the end of the haul) _____ yd^3 / bbls

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, Joseph Wiley, representative or authorized agent for El Paso CGP Company L.L.C. 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: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency* ☐ *Monthly* ☐ *Weekly* ☒ *Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Joseph Wiley, representative for El Paso CGP Company L.L.C. do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. **Transporter: Envirotech, Inc.**

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech, Inc., Permit # NM 01-0011
Address of Facility: 43 Road 7175, Bloomfield, NM
Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☐ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____
Surface Waste Management Facility Authorized Agent

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envirotech

Bill of Lading

MANIFEST # 76385
GENERATOR El Paso
POINT OF ORIGIN See notes
TRANSPORTER Envirotech
DATE 11-07-22 JOB # 14073-0060

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Cont Liquid				1	01154	937	0845	Andrew Mass
						1				
									SCANNED	

RESULTS			LANDFARM EMPLOYEE	NOTES
-291	CHLORIDE TEST	1		See Attachment
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	C-138 Pit Sites
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy

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envirotech

BOL# 76385

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11-7-22 TIME 8:45 Am

CUSTOMER Kinder Morgan

SITE Pit Sites

DRIVER A. Musso

SAMPLE Soil Straight ✓ With Dirt _____

CHLORIDE TEST -291 mg/Kg

ACCEPTED YES ✓ NO _____

PAINT FILTER TEST Time started 8:47 Time completed _____

PASS YES _____ NO _____

SAMPLER/ANALYST CR

Attach test strip here

5796 US Hwy 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 | info@envirotech-inc.com envirotech-inc.com

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SPECIAL WASTE MANIFEST		Manifest Document No. SW - 01154	Page 1 of

GENERATOR

Generator's Name	Generator's Address	Generator's Telephone No.
Kinder Morgan	1001 Louisiana ~~Blvd.~~ Street, Room 9561, Houston, TX	~~505~~ 713-420-3475

Origin of Special Waste (Project or Spill Location): SJRB Pit & Plant Sites

Transporter #1 Company Name	Address	Telephone No.
Envirotech	5796 US Hwy 64, Farmington, NM	505-632-0615
Transporter #2 Company Name	Address	Telephone No.
Destination Facility Name/Site Address	Facility ID (Permit) Number	Telephone No.
Envirotech Landfarm 2	NM01-0011	505-632-0615

Type and Proper Name of Special Waste	Container(s) No.	Container(s) Type	Total Quantity	Unit Wt/Vol	
Water and Drip	1	L	4	70GAL	

Additional Descriptions for Special Waste Listed Above:

Special Handling Instructions:

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of 20.9.8 NMAC (Special Waste Requirements) in addition to any other applicable federal, state or local regulations.

Printed/Typed Name:	Signature:	Date:
Sean R Clary	Sean R Clary	11/7/2022

TRANSPORTER

Transporter 1 Acknowledgement of Receipt of Special Waste

Printed/Typed Name:	Signature:	Date:
Andrew Musso	Andrew Musso	11/7/2022

Transporter 2 Acknowledgement of Receipt of Special Waste

Printed/Typed Name:	Signature:	Date:

FACILITY

Discrepancy Indication Space:

Facility Owner or Operator: ***I hereby acknowledge receipt of the special waste as indicated upon this manifest, except as noted above in the Discrepancy Indication Space.***

Printed/Typed Name:	Signature:	Date:
Gary Robinson	Gary Robinson	11-07-22

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1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. **Generator Name and Address:** **Billing code for invoice:**
El Paso CGP Company L.L.C., 1001 Louisiana Street, Room 1445B, Houston, TX 77002

2. **Originating Site:**
Johnston Federal #4, Johnston Federal #6A, Sandoval GC A#1A, Canada Mesa #2, K-27 LD072, Standard Oil Com #1, Knight #1, Gallegos Canyon Unit #124E, GCU Com A #142E, Fields A#7A, State Gas Com N #1, Fogelson 4-1, Lat L 40, and James F. Bell #1E.

3. **Location of Material (Street Address, City, State or ULSTR):**
Unit N, Sec. 27, T31N, R09W; Unit F, Sec. 35, T31N, R09W; Unit C, Sec. 35, T30N, R09W; Unit I, Sec. 24, T24N, R06W; Unit E, Sec 5, T25N, R06W; Unit N, Sec. 36, T29N, R09W, Unit A, Sec. 5, T30N, R13W; Unit N, Sec. 35, T28N, R12W; Unit G, Sec. 25, R29N, R12W; Unit E, Sec. 34, T32N, R11W; Unit H, Sec. 16, T31N, R12W; Unit P, Sec. 4, T29N, R11W; Unit H, Sec. 13, T28N, R04W; and Unit P, Sec. 10, T30N, R13W, respectively.

4. **Source and Description of Waste:**
Historic releases occurred on the above-referenced property. As part of environmental investigation activities, monitoring wells will be sampled, and purged liquids will be removed from the Site.
Estimated Volume _____ 1 ___ yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd^3 / bbls

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, Joseph Wiley, representative or authorized agent for El Paso CGP Company, LLC do hereby
PRINT & SIGN NAME COMPANY NAME
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: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency* ☐ *Monthly* ☐ *Weekly* ☐ *Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Joseph Wiley, representative for El Paso CGP Company, LLC authorize Envirotech to
Generator Signature
complete the required testing/sign the Generator Waste Testing Certification.

I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

6. **Transporter: Envirotech, Inc.**

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility Permit # NM-01-0011

Address of Facility: #43 Road 7175, South of Bloomfield NM

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☐ APPROVED ☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____

APPENDIX C

AcuVac Remediation

September 12, 2022

Mr. Stephen Varsa
Senior Hydrogeologist
Stantec Consulting Services, Inc.
11311 Aurora Avenue
Des Moines, IA 50322

Dear Steve:

Re: James F. Bell #1E, San Juan County, NM (Event #6)

At your request, AcuVac Remediation, LLC (AcuVac) performed Mobile Dual Phase Extraction (MDPE) events as outlined in the table below.

Event Number	Well Number	Event Duration (hrs.)	Date
#6A	MW-1	10.0	08/29/2022
#6B	MW-8	10.0	08/30/2022

The following is the Report and a copy of the Operating Data collected during Events #6A and #6B. Additionally, the attached Table #1 contains the Summary Well Data for wells MW-1 and MW-8, and Table #2 contains the Summary Recovery Data for wells MW-1 and MW-8.

The purpose of the MDPE events was to enhance recovery of petroleum hydrocarbons impacts present at the Site through the removal of both Phase Separated Hydrocarbons (PSH) and vapor phase petroleum hydrocarbons. PSH is referred to as Light Non-Aqueous Phase Liquids (LNAPL). The source of the petroleum hydrocarbon impacts is a historical release of natural gas condensate.

OBJECTIVES

The objectives of the MDPE events were to:

- Maximize the removal of liquid and vapor phase petroleum hydrocarbons from the groundwater and soils in the subsurface formations within the influence of the extraction well.
- Expose the capillary fringe area to an induced vacuum.
- Increase the liquid and vapor phase petroleum hydrocarbon specific yields with high induced vacuums.
- Create an induced hydraulic gradient to gain hydraulic control of the area surrounding the extraction well during the event periods.
- Create an induced vacuum in the extraction well and monitor vacuum influence in nearby monitoring points.

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METHODS AND EQUIPMENT

AcuVac owns and maintains an inventory of equipment to perform MDPE events. No third-party equipment was utilized. The events at the Site were conducted using the AcuVac I-6 System (System) with a Roots RAI-33 blower, used as a vacuum pump, and a Roots RAI-22 positive displacement blower. The following table lists equipment and instrumentation employed during Events #6, and the data element captured by each.

Equipment and Instrumentation Employed by AcuVac	
Measurement Equipment	**Data Element**
Extraction Well Induced Vacuum and Flow	
Dwyer Magnehelic Gauges	Extraction Well Vacuum
Dwyer Averaging Pitot Tubes / Magnehelic Gauges	Extraction Well Vapor Flow
Observation Wells	
Dwyer Digital Manometer	Vacuum / Pressure Influence
Extraction Well Vapor Monitoring	
V-1 Vacuum Box	Extraction Well Non-Diluted Vapor Sample Collection
HORIBA® Analyzer	Extraction Well Vapor TPH Concentration
RKI 1200 O_2 Monitor	Extraction Well Vapor Oxygen Content
NAPL Thickness (if present)	
Solinst Interface Probe Model 122	Depth to NAPL and Depth to Groundwater
Liquid Recovery	
Totalizer Flow Meter	Liquid Flow and Total Volume
QED AP2 Plus Pneumatic Pump	In-Well Pumping
Air Compressor	In-Well Pumping
Groundwater Depression / Upwelling	
In-Situ Level Troll 700 Data Logger	Liquid Column in Extraction and Observation Wells
In-Situ Vented Cable with Chamber	Equalize Well Vacuum/Pressure
In-Situ Rugged Reader Data Logger Interface	Capture Readings from Data Logger Trolls
Atmospheric Conditions	
Testo Model 511	Relative and Absolute Barometric Pressure

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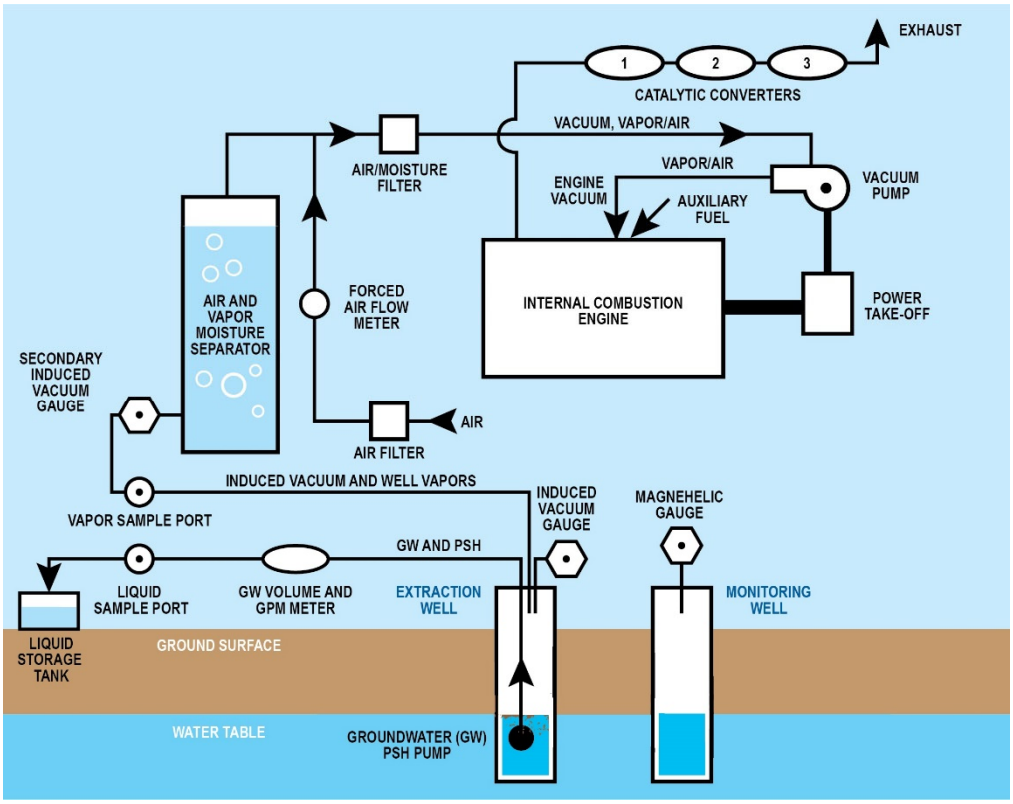
ACUVAC MOBILE DUAL PHASE EXTRACTION UNIT



The vacuum extraction portion of the System consists of a vacuum pump driven by an internal combustion engine (IC engine). The vacuum pump connects to the extraction well, and the vacuum created on the extraction well causes light hydrocarbons in the soil and on the groundwater to volatilize and flow through a moisture knockout tank to the vacuum pump and the IC engine where they burn as part of the normal combustion process. Auxiliary propane powers the engine if the well vapors do not provide the required energy.

The IC engine provides the power necessary to achieve and maintain high induced vacuums and/or high well vapor flows needed to maximize the vacuum radius of influence.

Emissions from the engine pass through two of three catalytic converters to maximize destruction of effluent hydrocarbon vapors. The engine's fuel-to-air ratio is adjusted to maintain efficient combustion. Because the engine powers all equipment, the System stops when the engine stops preventing an uncontrolled release of hydrocarbons. Since the System operates entirely under vacuum, any leaks in the seals or connections leak into the System and not the atmosphere. Vacuum loss, low oil pressure, over-speed, or overheating automatically shut down the engine.

Groundwater extraction was provided by an in-well, QED AP2+ bottom fill pneumatic pump that discharged through a total flow meter. The discharge line from the volume meter was then connected to the stand-by tank. A data logger (pressure transducer) was used to monitor the groundwater level relative to the in-well pump inlet. This enabled the AcuVac team to upwell the groundwater and then pump the well to achieve a targeted drawdown in order to maximize any LNAPL and vapor-phase hydrocarbon recovery from the smear zone. The compressed air for the groundwater pump was supplied from an air compressor. The groundwater flow rate was adjusted to maintain a target level. An interface

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meter was used to collect depth to groundwater and depth to LNAPL measurements. Groundwater samples were taken periodically in a graduated cylinder to determine the average LNAPL percentage being recovered.

The design of the AcuVac System enables independent control of both the induced well vacuum and the groundwater pumping functions such that the AcuVac team controls the induced hydraulic gradient to increase exposure of the formation to soil vapor extraction (SVE). The ability to separate the vapor and liquid flows within the extraction well improve the LNAPL recovery rates and enables the AcuVac team to record data specific to each media.

RECOVERY SUMMARY FOR MDPE EVENT #6

The Petroleum Hydrocarbon Recovery Summary Table below lists the groundwater and LNAPL recovery data for Event #6 compared with the previous events.

Petroleum Hydrocarbon Recovery Summary									
		MW-1	MW-8	Total					
Event Number		Event #6A	Event #6B	Event #6	Event #5	Event #4	Event #3	Event #2	Event #1
Event Date		08/29/2022	08/30/2022	08/30/2022	08/29/2021	07/11/2018	05/07/2018	7/11/2017	12/02/2016
Event Hours		10.0	10.0	20.0	20.0	32.0	24.0	144.0	16.0
Recovery									
GW Recovery	gals	11	7	18	35	205	173	520	66
Petroleum Hydrocarbon Recovery									
Liquid	gals	7.27	3.50	10.77	13.99	0	0.1	10	0
Vapor	gals	10.92	9.41	20.33	19.70	36.5	20.5	112.4	20.3
Total	gals	18.19	12.91	31.10	33.69	36.5	20.6	122.4	20.3
Gallons/Hour	gals	1.82	1.29	1.56	1.68	1.14	0.86	0.85	1.27

SUMMARY OF WELL MW-1 MDPE EVENT #6A

The Petroleum Hydrocarbon Recovery Summary Table below summarizes the groundwater and LNAPL recovery data for well MW-1 for all events.

Petroleum Hydrocarbon Recovery Summary Well MW-1								
Event Number		Event #6A	Event #5A	Event #4C	Event #4A	Event #3A	Event #2A	Event #1A
Event Date		08/29/2022	08/28/2021	07/12/2018	07/11/2018	05/07/2018	7/11/2017	12/02/2016
Event Hours		10.0	10.0	10.0	6.0	12.0	72.0	8.0
Data Element								
GW Recovery	gals	11	13	41	35	63	207	21
Petroleum Hydrocarbon Recovery								
Liquid	gals	7.27	4.55	0	0	0	10.0	0
Vapor	gals	10.92	9.91	14.9	7.3	10.7	72.3	12.2
Total	gals	18.19	14.46	14.9	7.3	10.7	82.3	12.2
Gallons /Hour	gph	1.82	1.45	1.49	1.21	0.89	1.14	1.52

The total liquid LNAPL recovery for Event #6A and Event #6B includes 2.28 gals and 1.0 gal, respectively that was recovered through hand bailing at the end of each event.

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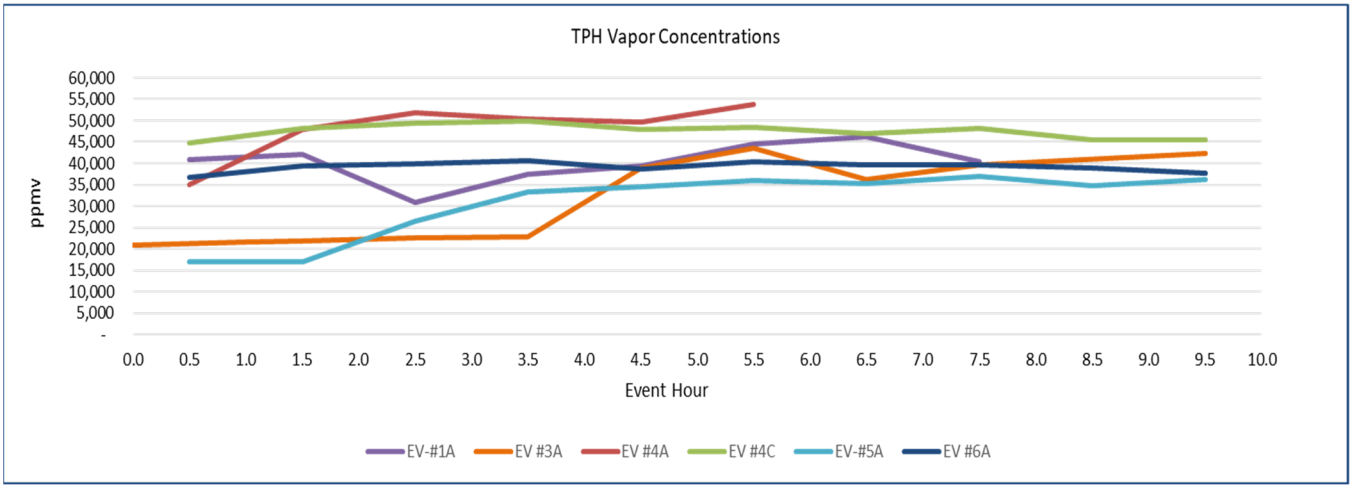
- Total vapor hydrocarbons burned as IC engine fuel are based on the HORIBA® data recorded in the Influent Vapor Data Table below. The HORIBA® analytical data from the influent vapor samples are compared with previous events on well MW-1.

Influent Vapor Data Well MW-1								
Event Number		**Event #6A**	**Event #5A**	**Event #4C**	**Event #4A**	**Event #3A**	**Event #2A**	**Event #1A**
Event Date		**08/29/2022**	**08/28/2021**	**07/12/2018**	**07/11/2018**	**05/07/2018**	**7/11/2017**	**12/02/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
TPH- Maximum	ppmv	40,490	36,890	49,980	53,790	43,570	48,220	46,280
TPH- Average	ppmv	39,128	30,720	47,469	48,055	32,693	40,444	40,204
TPH- Minimum	ppmv	36,650	16,900	44,740	34,990	20,950	29,330	30,870
TPH- Initial	ppmv	36,650	16,900	44,740	34,990	20,950	45,950	40,870
TPH- Ending	ppmv	37,760	36,180	45,590	53,790	42,390	44,260	40,340
CO_2 - Average	%	4.42	3.93	5.14	6.61	0.90	2.61	3.57
O_2 - Average	%	5.6	10.5	15.8	14.5	14.5	13.4	10.8
H_2S - Average	ppm	0	0	0	0	0	0	0

- The TPH vapor concentrations from the influent vapor samples for all events for well MW-1 are presented in the following TPH Vapor Concentrations Graph for Event #6A. Event #2A was a 72-hour event and was not included in the following graph.



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- The extraction well induced vacuum and well vapor flow for Event #6A is compared with previous events on well MW-1 in the following table.

Well Vacuum and Well Vapor Flow
Well MW-1

Event Number		Event #6A	Event #5A	Event #4C	Event #4A	Event #3A	Event #2A	Event #1A
Event Date		**08/29/2022**	**08/28/2021**	**07/12/2018**	**07/11/2018**	**05/07/2018**	**7/11/2017**	**12/02/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Well Vacuum- Maximum	"H_2O	50.00	100.00	145.00	120.00	150.00	110.00	150.00
Well Vacuum- Average	"H_2O	49.05	75.24	137.62	120.00	123.40	104.71	137.65
Well Vacuum- Minimum	"H_2O	30.00	70.00	120.00	120.00	65.00	95.00	80.00
Well Vapor Flow- Maximum	scfm	13.21	16.47	15.06	12.14	16.15	14.87	19.51
Well Vapor Flow- Average	scfm	12.91	14.92	14.50	11.64	12.63	11.49	17.54
Well Vapor Flow- Minimum	scfm	8.56	14.74	11.84	11.42	5.30	8.92	10.3

- Depth to groundwater, depth to LNAPL, and LNAPL thickness at the start and end of Event #6A is compared with previous events on well MW-1 in the following table.

LNAPL Thickness
MW-1

Event Number		Event #6A	Event #5A	Event #4C	Event #4A	Event #3A	Event #2A	Event #1A
Event Date		**08/29/2022**	**08/28/2021**	**07/12/2018**	**07/11/2018**	**05/07/2018**	**7/11/2017**	**12/02/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Start of Event								
Depth to LNAPL	ft BTOC	28.48	28.03	27.22	26.72	26.58	23.61	26.79
Depth to Groundwater	ft BTOC	30.16	29.39	27.25	26.86	26.67	ND	26.84
LNAPL Thickness	ft	1.68	1.36	0.03	0.14	0.09	ND	0.05
End of Event								
Depth to LNAPL	ft BTOC	30.88	31.38	ND	ND	ND	30.87	28.33
Depth to Groundwater	ft BTOC	31.44	31.90	45.51	29.85	31.36	31.12	28.63
LNAPL Thickness	ft	0.56	0.52	ND	ND	ND	0.25	0.30

ND- Not detected

- The maximum and average groundwater pump rates for Event #6A compared to previous events are shown in the following table.

Groundwater Pump Data
Well MW-1

Event Number		Event #6A	Event #5A	Event #4C	Event #4A	Event #3A	Event #2A	Event #1A
Event Date		**08/29/2022**	**08/28/2021**	**07/12/2018**	**07/11/2018**	**05/07/2018**	**7/11/2017**	**12/02/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Maximum GW Pump Rate	gpm	0.08	0.10	0.40	0.30	0.70	0.48	0.04
Average GW Pump Rate	gpm	0.02	0.02	0.09	0.10	0.09	0.14	0.04

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SUMMARY OF WELL MW-8 MDPE EVENT #6B

The Petroleum Hydrocarbon Recovery Summary Table below lists the groundwater and LNAPL recovery data for Well MW-8 for all events.

Petroleum Hydrocarbon Recovery Summary Well MW-8								
Event Number		**Event #6B**	**Event #5B**	**Event #4D**	**Event #4B**	**EV #3B**	**Event #2B**	**Event #1B**
Event Date		**08/30/2022**	**08/29/2021**	**07/12/2018**	**07/11/2018**	**05/08/2018**	**7/11/2017**	**12/03/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Groundwater Recovery								
GW Recovery		7	22	65	64	110	313	45
LNAPL Recovery								
Liquid	gals	3.50	9.44	0	0	0.1	0	0
Vapor	gals	9.41	9.79	8.9	5.5	9.8	40.1	8.1
Total	gals	12.91	19.23	8.9	5.5	9.9	40.1	8.1
Gallons /Hour	gph	**1.29**	**1.92**	**0.89**	**0.92**	**0.82**	**0.56**	**1.01**

- Total vapor hydrocarbons burned as IC engine fuel are based on the HORIBA® data recorded in the following Influent Vapor Data Table. The HORIBA® analytical data from the influent vapor samples are compared with previous events on well MW-8.

Influent Vapor Data Well MW-8								
Event Number		**Event #6B**	**Event #5B**	**Event #4D**	**Event #4B**	**Event #3B**	**Event #2B**	**Event #1B**
Event Date		**08/30/2022**	**08/29/2021**	**07/12/2018**	**07/11/2018**	**05/08/2018**	**7/11/2017**	**12/03/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
TPH- Maximum	ppmv	40,650	41,650	54,310	53,790	53,810	76,100	39,610
TPH- Average	ppmv	37,944	40,304	45,319	49,588	50,570	56,674	20,580
TPH- Minimum	ppmv	35,870	36,680	20,480	39,790	47,380	31.850	2,810
TPH- Initial	ppmv	35,870	40,810	20,480	39,990	47,380	48,510	2,810
TPH- Ending	ppmv	40,650	40,990	49,950	53,790	59,630	76,100	39,610
CO_2 - Average	%	3.72	3.40	4.04	4.68	2.55	2.24	1.47
O_2 - Average	%	4.9	6.1	15.4	13.2	14.9	10.5	15.1
H_2S - Average	ppm	0	0	0	0	0	0	0

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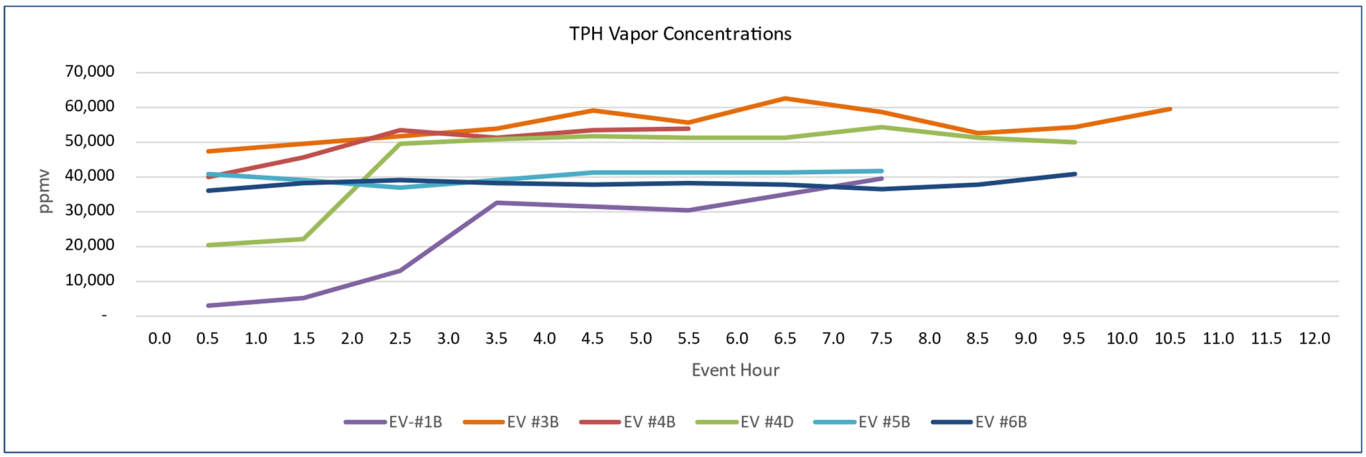
- The TPH vapor concentrations from the influent vapor samples for all events for well MW-8 are presented in the following TPH Vapor Concentrations Graph. Event #2B was a 72-hour event and was not included in the following graph.



- The extraction well induced vacuum and well vapor flow for Event #6B is compared with previous events in the following table.

Well Vacuum and Well Vapor Flow
Well MW-8

Event Number		Event #6B	Event #5B	Event #4D	Event #4B	Event #3B	Event #2B	Event #1B
Event Date		**08/30/2022**	**08/29/2021**	**07/12/2018**	**07/11/2018**	**05/08/2018**	**7/11/2017**	**12/03/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Well Vacuum- Maximum	"H_2O	75.00	120.00	150.00	150.00	150.00	150.00	150.00
Well Vacuum- Average	"H_2O	68.33	117.14	123.81	150.00	150.00	127.80	98.80
Well Vacuum- Minimum	"H_2O	50.00	95.00	30.00	150.00	150.00	90.00	20.00
Well Vapor Flow- Maximum	scfm	11.89	13.39	10.56	8.65	7.74	5.38	46.20
Well Vapor Flow- Average	scfm	11.48	11.24	9.06	8.55	7.43	4.55	22.70
Well Vapor Flow- Minimum	scfm	8.24	6.24	4.30	8.53	6.06	3.35	10.09

- Depth to groundwater, depth to LNAPL and LNAPL thickness at the start and end of Event #6B is compared with previous events in the following table.

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LNAPL Thickness Well MW-8								
Event Number		**Event #6B**	**Event #5B**	**Event #4D**	**Event #4B**	**Event #3B**	**Event #2B**	**Event #1B**
Event Date		**08/30/2022**	**08/29/2021**	**07/12/2018**	**07/11/2018**	**05/08/2018**	**7/11/2017**	**12/03/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Start of Event								
Depth to LNAPL	ft BTOC	24.28	24.51	ND	22.95	22.68	21.96	22.89
Depth to Groundwater	ft BTOC	25.96	26.64	24.29	22.96	22.77	21.99	23.44
LNAPL Thickness	ft	1.68	2.13	ND	0.01	0.09	0.03	0.55
End of Event								
Depth to LNAPL	ft BTOC	38.75	33.72	ND	ND	ND	ND	32.65
Depth to Groundwater	ft BTOC	39.10	36.56	45.51	32.34	36.32	34.35	32.66
LNAPL Thickness	ft	0.35	2.84	ND	ND	ND	ND	0.01

ND- Not Detected

- The maximum and average groundwater pump rates for Event #6B is compared to previous events are shown in the following Groundwater Pump Data Table.

Groundwater Pump Data Well MW-8								
Event Number		**Event #6B**	**Event #5B**	**Event #4D**	**Event #4B**	**Event #3B**	**Event #2B**	**Event #1B**
Event Date		**08/30/2022**	**08/29/2021**	**07/12/2018**	**07/11/2018**	**05/08/2018**	**7/11/2017**	**12/03/2016**
Event Hours		**10.0**	**10.0**	**10.0**	**6.0**	**12.0**	**72.0**	**8.0**
Data Element								
Maximum GW Pump Rate	gpm	0.07	0.10	0.33	0.37	0.43	0.40	0.09
Average GW Pump Rate	gpm	0.01	0.03	0.11	0.18	0.15	0.20	0.09

ADDITIONAL INFORMATION EVENTS #6A and #6B

- A QED AP2+ bottom-fill pneumatic pump was used to perform Event #6A and Event #6B.
- At the start of Event #6A, the depth to groundwater for well MW-1 was approximately 0.77 feet lower than Event #5A.
- At the start of Event #6B, the depth to groundwater for well MW-8 was approximately 0.68 feet higher than Event #5B.
- For both Event #6A and #6B, the induced vacuum was used to draw liquids and vapor into the well, and the in-well pump was used to draw down and recover liquids.

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SUMMARY OF OUTER OBSERVATION WELL DATA FOR MDPE EVENT #6A AND #6B

During Events #6A and #6B, certain outer observation wells were monitored for the vacuum influence of the respective extraction well. The outer observation wells that were monitored for each event and the average vacuum influence are outlined in the table below.

Outer Well Vacuum Influence Event #6			
Event Number		**Event #6A**	**Event #6B**
Event Date		**08/29/2022**	**08/30/2022**
Event Hours		**10.0**	**10.0**
Extraction Well		MW-1	MW-8
Average Extraction Well Vacuum	InH_2O	49.05	68.33
Average Vacuum Influence- Outer Wells (distance from extraction well ft)			
MW-5 (17.9 ft)	InH_2O	7.98	-
SVE-1 (36.6 ft)	InH_2O	5.00	-
MW-6 (51.5 ft)	InH_2O	4.27	-
MW-3 (59.4 ft)	InH_2O	-	0.76
MW-9 (56.0 ft)	InH_2O	-	1.34
MW-10 (61.8 ft)	InH_2O	-	0.51

METHOD OF CALIBRATION AND CALCULATIONS

The HORIBA® Analytical instrument is calibrated with hexane, carbon monoxide and carbon dioxide. The formula used to calculate the emission rate (ER) is:

$$ER = TPH\ (ppmv) \times MW\ (hexane) \times Flow\ Rate\ (scfm) \times 1.58E^{-7} \frac{(min)(lb\ mole)}{(hr)(ppmv)(ft^3)} = lbs/hr$$

INFORMATION INCLUDED WITH REPORT

- Table #1 Summary Well Data
- Table #2 Summary Recovery Data
- Recorded Data
- Photographs of the MDPE System and extraction wells MW-1 and MW-8.

After you have reviewed the report and if you have any questions, please contact me. We appreciate you selecting AcuVac to provide this service.

Sincerely,
ACUVAC REMEDIATION, LLC

Paul D. Faucher
President

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Summary Well Data
Table #1

Event		6A	6B
WELL NO.		**MW-1**	**MW-8**
Total Event Hours		10.0	10.0
Cumulative Event Hours		128.0	128.0
Total Depth	ft BGS	30.00	40.00
Well Screen	ft BGS	20.0 - 30.0	14.9 - 39.9
Well Size	in	4.0	2.0
Well Data			
Depth To LNAPL - Static - Start Event	ft BTOC	28.48	24.27
Depth To Groundwater - Static - Start Event	ft BTOC	30.16	25.96
LNAPL Thickness	ft	1.68	1.69
Hydro-Equivalent- Beginning	ft BTOC	28.92	24.71
Depth To LNAPL - Static - End Event	ft BTOC	30.88	38.75
Depth To Groundwater - Static - End Event	ft BTOC	32.41	39.10
LNAPL Thickness	ft	1.53	0.35
Hydro-Equivalent- Ending	ft BTOC	31.28	38.84
Extraction Data			
Maximum Extraction Well Vacuum	"H_2O	50.00	75.00
Average Extraction Well Vacuum	"H_2O	49.05	68.33
Minimum Extraction Well Vacuum	"H_2O	30.00	50.00
Maximum Extraction Well Vapor Flow	scfm	13.21	11.89
Average Extraction Well Vapor Flow	scfm	12.91	11.48
Minimum Extraction Well Vapor Flow	scfm	8.56	8.24
Maximum GW / LNAPL Pump Rate	gpm	0.08	0.07
Average GW / LNAPL Pump Rate	gpm	0.02	0.01
Influent Data			
Maximum TPH	ppmv	40,490	40,650
Average TPH	ppmv	39,128	37,944
Minimum TPH	ppmv	36,650	35,870
Initial TPH	ppmv	36,650	35,870
Final TPH	ppmv	37,760	40,650
Average CO_2	%	4.42	3.72
Average O_2	%	5.6	4.9
Average H_2S	ppm	0	0

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Summary Recovery Data
Table #2

Event		6A	6B
WELL NO.		**MW-1**	**MW-8**
Recovery Data- Current Event			
Total Liquid Volume Recovered	gals	11	7
Total Liquid LNAPL Recovered	gals	7.27	3.50
Total Liquid LNAPL Recovered / Total Liquid	%	60..09	50.00
Total Liquid LNAPL Recovered / Total LNAPL	%	39.97	27.10
Total Vapor LNAPL Recovered	gals	10.92	9.41
Total Vapor LNAPL Recovered / Total LNAPL	%	60.03	72.90
Total Vapor and Liquid LNAPL Recovered	gals	18.19	12.91
Average LNAPL Recovery	gals/hr	1.82	1.29
Total LNAPL Recovered	lbs	127	90
Total Volume of Well Vapors	cu. ft	7,746	6,888
Recovery Data- Cumulative			
Total Liquid Volume Recovered	gals	391	626
Total Liquid LNAPL Recovered	gals	21.82	13.01
Total Vapor LNAPL Recovered	gals	128.62	91.53
Total Vapor and Liquid LNAPL Recovered	gals	159.99	104.54
Average LNAPL Recovery	gals/hr	1.25	0.82
Total LNAPL Recovered	lbs	1,120	732
Total Volume of Well Vapors	cu. ft	96,738	57,772

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OPERATING DATA – EVENT # 6A PAGE # 1 ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM

Project Managers: Faucher / George

Well # MW-1

	Date		8-29-22					
	Time		0900	0930	0800	0830	0900	0930
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	1800	1800	1800	1800	1800	1800
	Oil Pressure	psi	55	55	55	55	55	55
	Water Temp	°F	130	130	130	135	135	135
	Alternator	Volts	14	14	14	14	14	14
	Intake Vacuum	"Hg	14	14	14	14	14	14
	Gas Flow Fuel/Propane	cfh	60	20	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	"H_2O	30	50	50	50	50	50
	Extraction Well Flow	scfm	8,56	13,21	13,20	13,18	13,17	13,16
	Well Flow Raw Number		10	16	16	16	16	16
	Influent Vapor Temp.	°F	64	66	67	68	69	70
	Air Temp	°F	58	60	62	64	66	66
	Barometric Pressure	"Hg	30.29	30,29	30,29	30,29	30,30	30,30
	Absolute Pressure	"Hg	24,46	24,46	24,46	24,46	24,46	24,46
VAPOR / INFLUENT	TPH	ppmv	—	36,650	—	39,430	—	39770
	CO_2	%	—	4,78	—	4,54	—	4,42
	O_2	%	—	5,7	—	5,4	—	5,5
	H_2S	ppm	—	—	—	—	—	—
NOTES	Arrived at site 0625. Tailgate safety meeting. Event start @ 0700. Drew down well 0.5' and took vapor sample = 36,300 ppm. Drew down well 1.0' vapor = 36,150 ppm. Pet logger readings not accurate due to low water volume in well.							
RECOVERY	Totalizer	gals	31804,01	31804,01	31804,51	31807,00	31807,12	31807,35	31807,35
	Pump Rate	gals/min	—					
	Total Volume	gals	0	.50	2.99	3,11	3,34	3,34
	NAPL	% Vol	—	20%	60%	60%	—	—
	NAPL	Gals	0	0	1.8	1.8	1.8	1.8
EW	Data Logger Head .67	ft	.67	.27	-1,40	-1,55	-1,73	-1,92
	GW Depression	ft	0,0	(1,40)	(2,07)	(2,22)	(2,40)	(2,59)
	Extraction Well	DTNAPL	28,48					
	Extraction Well	DTGW	30,16					

N/A 1,68

AcuVac Remediation

OPERATING DATA – EVENT # 6A PAGE # 2 ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM Project Managers: Faucher / George

Well # MW-1

	Date		8-29-22					
	Time		1000	1030	1100	1130	1200	1230
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	1800	1800	1800	1800	1800	1800
	Oil Pressure	psi	55	55	55	55	55	55
	Water Temp	°F	145	145	150	150	150	150
	Alternator	Volts	14	14	14	14	14	14
	Intake Vacuum	"Hg	14	14	14	14	14	14
	Gas Flow Fuel/Propane	cfh	0	0	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	"H_2O	50	50	50	50	50	50
	Extraction Well Flow	scfm	13.15	13.14	13.14	13.14	13.12	13.12
	Well Flow Raw Number		16	16	16	16	16	16
	Influent Vapor Temp.	°F	71	72	72	72	73	73
	Air Temp	°F	69	72	75	77	81	82
	Barometric Pressure	"Hg	30.31	30.31	30.31	30.30	30.30	30.30
	Absolute Pressure	"Hg	24.47	24.47	24.47	24.46	24.46	24.46
VAPOR / INFLUENT	TPH	ppmv	–	40,490	–	38,690	–	40340
	CO_2	%	–	4.52	–	4.18	–	4.50
	O_2	%	–	4.7	–	6.5	–	5.1
	H_2S	ppm	–	–	–	–	–	–
NOTES								
RECOVERY	Totalizer	gals	31807.35	31808.60	31809.60	31809.60	31811.20	31811.20
	Pump Rate	gals/min						
	Total Volume	gals	3.34	4.59	5.59	5.59	7.19	7.19
	NAPL	% Vol	–	50%	50%	–	50%	–
	NAPL	Gals	1.8	2.40	3.00	3.00	4.20	4.20
EW	Data Logger Head	ft	-1.90	-1.90	-1.90	-1.80	-1.80	-1.82
	GW Depression	ft	(2.57)	(2.57)	(2.57)	(2.47)	(2.47)	(2.45)
	Extraction Well	DTNAPL						
	Extraction Well	DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # 6A PAGE # 3

ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM

Project Managers: Faucher / George

	Well # MW-1	Date	8-29-22					
		Time	1300	1330	1400	1430	1500	1530
		Hr Meter						
ENGINE / BLOWER	Engine Speed RPM		1800	1800	1800	1800	1800	1800
	Oil Pressure psi		55	55	55	55	55	55
	Water Temp °F		150	150	150	150	150	150
	Alternator Volts		14	14	14	14	14	14
	Intake Vacuum "Hg		14	14	14	14	16	16
	Gas Flow Fuel/Propane cfh		0	0	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. "H_2O		50	50	50	50	50	50
	Extraction Well Flow scfm		13.12	13.11	13.11	13.11	13.09	13.07
	Well Flow Raw Number		16	16	16	16	16	16
	Influent Vapor Temp. °F		73	74	74	74	76	77
	Air Temp °F		84	88	88	89	90	90
	Barometric Pressure "Hg		30.29	30.28	30.27	30.27	30.25	30.24
	Absolute Pressure "Hg		24.45	24.44	24.44	24.44	24.42	24.41
VAPOR / INFLUENT	TPH ppmv		—	39600	—	39560	—	38990
	CO_2 %		—	4.46	—	4.38	—	4.37
	O_2 %		—	5.1	—	5.4	—	5.7
	H_2S ppm		—	—	—	—	—	—
NOTES	continue with Increasitat data logger readings.							
RECOVERY	Totalizer gals		31811.65	31811.65	31811.65	31811.65	31812.25	31812.25
	Pump Rate gals/min							
	Total Volume gals		7.64	7.64	7.64	7.64	8.24	8.24
	NAPL % Vol		60%	—	—	—	60%	—
	NAPL Gals		4.20	4.20	4.20	4.20	4.80	4.80
EW	Data Logger Head ft		-1.66	-1.66	-1.65	-1.65	-1.67	-1.67
	GW Depression ft		(2.33)	(2.33)	(2.32)	(2.32)	(2.30)	(2.30)
	Extraction Well DTNAPL							
	Extraction Well DTGW							

Acuvac Remediation

OPERATING DATA – EVENT # 6A **PAGE # 4**

Location: JF BELL #1E, San Juan County, NM **ACUVAC MDP SYSTEM**

Project Managers: Faucher / George

Well # MW-1

		Date	8-29-22					
		Time	1600	1630	1700			
		Hr Meter						
ENGINE / BLOWER	Engine Speed RPM		1800	1800	1800			
	Oil Pressure psi		55	55	55			
	Water Temp °F		155	155	155			
	Alternator Volts		14	14	14			
	Intake Vacuum "Hg		16	16	16			
	Gas Flow Fuel/Propane cfh		0	0	0			
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. "H_2O		50	50	50			
	Extraction Well Flow scfm		13,06	13,04	13,04			
	Well Flow Raw Number		16	16	16			
	Influent Vapor Temp. °F		78	80	80			
	Air Temp °F		91	91	91			
	Barometric Pressure "Hg		30,22	30.21	30,20			
	Absolute Pressure "Hg		24.40	24,39	24.39			
VAPOR / INFLUENT	TPH ppmv		—	37760	—			
	CO_2 %		—	4,14	—			
	O_2 %		—	6,7	—			
	H_2S ppm		—	—	—			
NOTES	Event end @ 1700, Moved to MW-8.							
RECOVERY	Totalizer gals		31812	31812	31813.23			
	Pump Rate gals/min							
	Total Volume gals		8.24	8.24	9.22			
	NAPL % Vol		—	—	60%			
	NAPL Gals		4.80	4.86	5.40			
EW	Data Logger Head ft		-1,67	-1,67	-1,67			
	GW Depression ft		(2.30)	(2.30)	(2.30)			
	Extraction Well DTNAPL				30.88			
	Extraction Well DTGW				37.44			

1,53

AcuVac Remediation

EXTRACTION WELL DATA –EVENT # 6A PAGE # 1 ACUVAC SYSTEM

Location: JF BELL #1E, San Juan County, NM **Project Managers: Faucher / George**

Date: 8-29-22	Time	Time	Time	Time	Time	Time
Well Vapors - Well # MW1	0730	0830	0930	1030	1130	1230
TPH	36650	39430	39770	40490	38690	40340
CO_2	4.78	4.54	4.42	4.52	4.18	4.50
~~CO~~ O_2	5.7	5.4	5.5	4.7	6.5	5.1
H_2S	—	—	—	—	—	—
LEL	—	—	—	—	—	—
Well Vapors - Well #	1330	1430	1530	1630		
TPH	39600	39560	38990	37760		
CO_2	4.46	4.38	4.32	4.14		
~~CO~~ O_2	5.1	5.4	5.7	6.7		
H_2S	—	—	—	—		
LEL	—	—	—	—		

	Time	Time	Time	Time	Time	Time
Well Vapors - Well #						
TPH						
CO_2						
CO						
O_c						
H_2S						
LEL						
Well Vapors - Well #						
TPH						
CO_2						
O_c						
H_2S						
LEL						

AcuVac Remediation

OPERATING DATA – EVENT # 6B PAGE # 1 ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM

Project Managers: Faucher / George

Well # MW-8	Date	6-30-22						
	Time	0700	0730	0800	0830	0900	0930	
	Hr Meter							
ENGINE / BLOWER	Engine Speed RPM	1900	1900	1900	1900	1900	1900	
	Oil Pressure psi	55	55	55	55	55	55	
	Water Temp °F	135	135	135	140	140	140	
	Alternator Volts	14	14	14	14	14	14	
	Intake Vacuum "Hg	16	16	16	16	16	16	
	Gas Flow Fuel/Propane cfh	0	0	0	0	0	0	
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. "H_2O	50	50	75	70	70	70	
	Extraction Well Flow scfm	8,24	8,24	11,78	11,89	11,87	11,87	
	Well Flow Raw Number	10	10	15	15	15	15	
	Influent Vapor Temp. °F	68	68	70	70	72	72	
	Air Temp °F	64	66	66	68	70	71	
	Barometric Pressure "Hg	30,44	30,44	30,46	30,47	30,47	30,48	
	Absolute Pressure "Hg	24.57	24.57	24,59	24,59	24,59	24,60	
VAPOR / INFLUENT	TPH ppmv	—	35870	—	38370	—	38800	
	CO_2 %	—	2,12	—	3,65	—	3,92	
	O_2 %	—	5,2	—	4,8	—	4,7	
	H_2S ppm	—	—	—	—	—	—	
NOTES	Arrived @ site 0630. Tailgate safety meeting. First start 0700. Lowered water table .5 feet and took vapor sample. TPH = 31,000 ppmv. Lowered water table 1.0 feet and took vapor sample. TPH = 31,000 ppmv. At 0730 ↑ well vac to 75. well flow ↑ 15. well vac dropped to 70 H_2O by 0800 and remained there.							
RECOVERY	Totalizer 31819 gals	31819	31821	31823	31823	31823	31824	
	Pump Rate gals/min							
	Total Volume gals	0	2	4	4	4	5	
	NAPL % Vol	—	50%	50%	50%	50%	50%	
	NAPL Gals		1	2	2	2	2.5	
EW	Data Logger Head 13,08 ft	13,08	11.94	1,65	1,65	1,67	1,67	
	GW Depression ft	0	1,14	11,38	11,38	11,41	11,41	
	Extraction Well DTNAPL	24,27						
	Extraction Well DTGW	25,96						

1.69

AcuVac Remediation

OPERATING DATA – EVENT # 68 **PAGE # 2** **ACUVAC MDP SYSTEM**

Location: JF BELL #1E, San Juan County, NM **Project Managers: Faucher / George**

Well # MW-8

	Date		8-30-22					
	Time		1000	1030	1100	1130	1200	1230
	Hr Meter							
ENGINE / BLOWER	Engine Speed	RPM	1900	1900	1900	1900	1900	1900
	Oil Pressure	psi	55	55	55	55	55	55
	Water Temp	°F	140	140	145	145	150	150
	Alternator	Volts	14	14	14	14	14	14
	Intake Vacuum	"Hg	16	16	16	16	16	16
	Gas Flow Fuel/Propane	cfh	0	0	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac.	"H_2O	70	70	70	70	70	70
	Extraction Well Flow	scfm	11.86	11.86	11.83	11.83	11.82	11.82
	Well Flow Raw Number		15	15	15	15	15	15
	Influent Vapor Temp.	°F	73	73	75	75	76	76
	Air Temp	°F	75	80	82	84	85	86
	Barometric Pressure	"Hg	30.48	30.47	30.47	30.47	30.46	30.45
	Absolute Pressure	"Hg	24.60	24.60	24.60	24.60	24.59	24.58
VAPOR / INFLUENT	TPH	ppmv	—	38,020	—	37,760	—	38,370
	CO_2	%	—	5.4	—	5.3	—	5.5
	O_2	%	—	4.5	—	4.7	—	5.0
	H_2S	ppm	—	—	—	—	—	—
NOTES								
RECOVERY	Totalizer	gals	31824	31824	31824	31824	31825	31825
	Pump Rate	gals/min						
	Total Volume	gals	5	5	5	5	6	6
	NAPL	% Vol	50%	50%	50%	50%	50%	50%
	NAPL	Gals	2.5	2.5	2.5	2.5	3.0	3.0
EW	Data Logger Head	ft	1.65	1.68	1.70	1.70	1.70	1.70
	GW Depression	ft	11.43	11.40	11.42	11.42	11.42	11.42
	Extraction Well	DTNAPL						
	Extraction Well	DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # 6B PAGE # 3 ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM Project Managers: Faucher / George

Well # MW-8

	Date	8-30-22					
	Time	1300	1330	1400	1430	1500	1530
	Hr Meter						
ENGINE / BLOWER	Engine Speed RPM	1900	1900	1900	1900	1900	1900
	Oil Pressure psi	55	55	55	55	55	55
	Water Temp °F	150	150	150	150	150	150
	Alternator Volts	14	14	14	14	14	14
	Intake Vacuum "Hg	16	16	16	16	16	16
	Gas Flow Fuel/Propane cfh	0	0	0	0	0	0
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. "H_2O	70	70	70	70	70	70
	Extraction Well Flow scfm	11,81	11.80	11.80	11.79	11.79	11.78
	Well Flow Raw Number	15	15	15	15	15	15
	Influent Vapor Temp. °F	77	78	78	79	79	80
	Air Temp °F	87	88	89	90	91	91
	Barometric Pressure "Hg	30.44	30.43	30.41	30.39	30.38	30.36
	Absolute Pressure "Hg	24.57	24.56	24.55	24.54	24.53	24.52
VAPOR / INFLUENT	TPH ppmv	—	37720	—	36 270	—	37,530
	CO_2 %	—	5.2	—	1,86	—	1,96
	O_2 %	—	4.9	—	5,1	—	5.2
	H_2S ppm	—	—	—	—	—	—
NOTES							
RECOVERY	Totalizer gals	31825	31825	31825	31825	31825	31825
	Pump Rate gals/min						
	Total Volume gals	6	6	6	6	6	6
	NAPL % Vol	50%	50%	50%	50%	50%	50%
	NAPL Gals	3	3	3	3	3	3
EW	Data Logger Head ft	1,55	1,54	1,51	1,52	1,52	1,53
	GW Depression ft	11,53	11,54	11,57	11,56	11,56	11,55
	Extraction Well DTNAPL						
	Extraction Well DTGW						

AcuVac Remediation

OPERATING DATA – EVENT # 6B PAGE # 4 ACUVAC MDP SYSTEM

Location: JF BELL #1E, San Juan County, NM

Project Managers: Faucher / George

Well # MW-8	Date	8-30-22							
	Time	1600	1630	1700					
	Hr Meter								
ENGINE / BLOWER	Engine Speed RPM	1900	1900	1900					
	Oil Pressure psi	55	55	55					
	Water Temp °F	150	150	150					
	Alternator Volts	14	14	14					
	Intake Vacuum "Hg	16	16	16					
	Gas Flow Fuel/Propane cfh	0	0	0					
ATMOSPHERE VACUUM / AIR	Extraction Well Vac. "H_2O	70	70	70					
	Extraction Well Flow scfm	11.78	11.77	11.77					
	Well Flow Raw Number	15	15	15					
	Influent Vapor Temp. °F	80	81	81					
	Air Temp °F	92	93	93					
	Barometric Pressure "Hg	30.35	30.34	30.34					
	Absolute Pressure "Hg	24.50	24.49	24.49					
VAPOR / INFLUENT	TPH ppmv	—	40650	—					
	CO_2 %	—	2.32	—					
	O_2 %	—	5.1	—					
	H_2S ppm	—	—	—					
NOTES	Event end 1700. Remobe + depart site.								
RECOVERY	Totalizer gals	31825	31825	31826					
	Pump Rate gals/min								
	Total Volume gals	6	6	7					
	NAPL % Vol	50%	50%	50%					
	NAPL Gals	3	3	3.5					
EW	Data Logger Head ft	1.50	1.48	.39					
	GW Depression ft	11.58	11.60	12.69					
	Extraction Well DTNAPL			38.75					
	Extraction Well DTGW			39.10					

AcuVac Remediation

EXTRACTION WELL DATA –EVENT # 63 PAGE # 1

ACUVAC SYSTEM

Location: JF BELL #1E, San Juan County, NM

Project Managers: Faucher / George

Date: 8-30-22

Well Vapors - Well # MW-8	Time 0730	Time 0830	Time 0930	Time 1030	Time 1130
TPH	35870				
CO_2	2.12				
O_2	5.2				
H_2S	–				
LEL	–				

Well Vapors - Well #	Time 1230	Time 1330	Time 1430	Time 1530	Time 1630
TPH			36270	37530	40650
CO_2			1.86	1.96	2.32
~~CO~~ O_2			5.1	5.2	5.1
H_2S			–		
LEL			–		

Well Vapors - Well #	Time	Time	Time	Time	Time	Time
TPH						
CO_2						
CO						
O_c						
H_2S						
LEL						

Well Vapors - Well #						
TPH						
CO_2						
O_c						
H_2S						
LEL						

38.75

39.10

APPENDIX D

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-220236-1
Client Project/Site: James F Bell #1E.00

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

Attn: Steve Varsa

Authorized for release by:
6/7/2022 1:07:38 PM
Isabel Enfinger, Project Manager I
(850)471-6237
isabel.enfinger@et.eurofinsus.com

Designee for

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

LINKS

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Laboratory Job ID: 400-220236-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Job ID: 400-220236-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-220236-1

Comments
No additional comments.

Receipt
The samples were received on 5/20/2022 8:55 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 2.7º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-6 (400-220236-3). 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.

Released to Imaging: 5/22/2023 11:55:35 AM

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-220236-1

No Detections.

Client Sample ID: MW-5 — Lab Sample ID: 400-220236-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	26		1.0		ug/L	1		8260C	Total/NA
Toluene	6.2		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.4		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	17		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 400-220236-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	150		5.0		ug/L	5		8260C	Total/NA
Ethylbenzene	15		5.0		ug/L	5		8260C	Total/NA
Xylenes, Total	800		50		ug/L	5		8260C	Total/NA

Client Sample ID: MW-12 — Lab Sample ID: 400-220236-4

No Detections.

Client Sample ID: MW-13 — Lab Sample ID: 400-220236-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	6.6		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 400-220236-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	9.2		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	31		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	28		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 400-220236-7

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 400-220236-8

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

Client Sample ID: MW-17 — Lab Sample ID: 400-220236-9

No Detections.

Client Sample ID: MW-18 — Lab Sample ID: 400-220236-10

No Detections.

Client Sample ID: DUP-01 — Lab Sample ID: 400-220236-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	23		1.0		ug/L	1		8260C	Total/NA
Toluene	3.6		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.1		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	13		10		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-220236-1	TRIP BLANK	Water	05/18/22 17:00	05/20/22 08:55
400-220236-2	MW-5	Water	05/18/22 18:10	05/20/22 08:55
400-220236-3	MW-6	Water	05/18/22 19:00	05/20/22 08:55
400-220236-4	MW-12	Water	05/18/22 17:30	05/20/22 08:55
400-220236-5	MW-13	Water	05/18/22 17:40	05/20/22 08:55
400-220236-6	MW-15	Water	05/18/22 18:00	05/20/22 08:55
400-220236-7	MW-14	Water	05/18/22 17:50	05/20/22 08:55
400-220236-8	MW-16	Water	05/18/22 18:40	05/20/22 08:55
400-220236-9	MW-17	Water	05/18/22 18:30	05/20/22 08:55
400-220236-10	MW-18	Water	05/18/22 17:20	05/20/22 08:55
400-220236-11	DUP-01	Water	05/18/22 19:10	05/20/22 08:55

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: TRIP BLANK

Date Collected: 05/18/22 17:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-1

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			05/31/22 21:24	1
Toluene	<1.0		1.0		ug/L			05/31/22 21:24	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 21:24	1
Xylenes, Total	<10		10		ug/L			05/31/22 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*72 - 119*		*05/31/22 21:24*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/31/22 21:24*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/31/22 21:24*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-5

Date Collected: 05/18/22 18:10
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26**		1.0		ug/L			05/31/22 21:44	1
Toluene	**6.2**		1.0		ug/L			05/31/22 21:44	1
Ethylbenzene	**1.4**		1.0		ug/L			05/31/22 21:44	1
Xylenes, Total	**17**		10		ug/L			05/31/22 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 119*		*05/31/22 21:44*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/31/22 21:44*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/31/22 21:44*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-6

Date Collected: 05/18/22 19:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**150**		5.0		ug/L			05/25/22 13:13	5
Toluene	<5.0		5.0		ug/L			05/25/22 13:13	5
Ethylbenzene	**15**		5.0		ug/L			05/25/22 13:13	5
Xylenes, Total	**800**		50		ug/L			05/25/22 13:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*05/25/22 13:13*	*5*
Dibromofluoromethane	*97*		*75 - 126*		*05/25/22 13:13*	*5*
Toluene-d8 (Surr)	*101*		*64 - 132*		*05/25/22 13:13*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-12

Date Collected: 05/18/22 17:30
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-4

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			05/31/22 22:05	1
Toluene	<1.0		1.0		ug/L			05/31/22 22:05	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 22:05	1
Xylenes, Total	<10		10		ug/L			05/31/22 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 119*		*05/31/22 22:05*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*05/31/22 22:05*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*05/31/22 22:05*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-13

Date Collected: 05/18/22 17:40
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-5

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			05/31/22 22:26	1
Toluene	<1.0		1.0		ug/L			05/31/22 22:26	1
Ethylbenzene	**6.6**		1.0		ug/L			05/31/22 22:26	1
Xylenes, Total	<10		10		ug/L			05/31/22 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*72 - 119*		*05/31/22 22:26*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*05/31/22 22:26*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/31/22 22:26*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-15

Date Collected: 05/18/22 18:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-6

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**9.2**		1.0		ug/L			05/31/22 22:47	1
Toluene	<1.0		1.0		ug/L			05/31/22 22:47	1
Ethylbenzene	**31**		1.0		ug/L			05/31/22 22:47	1
Xylenes, Total	**28**		10		ug/L			05/31/22 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*72 - 119*		*05/31/22 22:47*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/31/22 22:47*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/31/22 22:47*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-14
Date Collected: 05/18/22 17:50
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-7
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			05/31/22 23:08	1
Toluene	<1.0		1.0		ug/L			05/31/22 23:08	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 23:08	1
Xylenes, Total	<10		10		ug/L			05/31/22 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*05/31/22 23:08*	*1*
Dibromofluoromethane	*104*		*75 - 126*		*05/31/22 23:08*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*05/31/22 23:08*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-16

Date Collected: 05/18/22 18:40
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-8

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		1.0		ug/L			05/31/22 23:28	1
Toluene	<1.0		1.0		ug/L			05/31/22 23:28	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 23:28	1
Xylenes, Total	<10		10		ug/L			05/31/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*72 - 119*		*05/31/22 23:28*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/31/22 23:28*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*05/31/22 23:28*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-17

Date Collected: 05/18/22 18:30
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-9

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			05/31/22 23:49	1
Toluene	<1.0		1.0		ug/L			05/31/22 23:49	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 23:49	1
Xylenes, Total	<10		10		ug/L			05/31/22 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*05/31/22 23:49*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*05/31/22 23:49*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*05/31/22 23:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-18

Date Collected: 05/18/22 17:20
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-10

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			06/01/22 00:10	1
Toluene	<1.0		1.0		ug/L			06/01/22 00:10	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/22 00:10	1
Xylenes, Total	<10		10		ug/L			06/01/22 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*72 - 119*		*06/01/22 00:10*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*06/01/22 00:10*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*06/01/22 00:10*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: DUP-01

Date Collected: 05/18/22 19:10
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-11

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**23**		1.0		ug/L			06/01/22 00:31	1
Toluene	**3.6**		1.0		ug/L			06/01/22 00:31	1
Ethylbenzene	**1.1**		1.0		ug/L			06/01/22 00:31	1
Xylenes, Total	**13**		10		ug/L			06/01/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*06/01/22 00:31*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*06/01/22 00:31*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*06/01/22 00:31*	*1*

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: TRIP BLANK
Date Collected: 05/18/22 17:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-1
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	579455	05/31/22 21:24	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-5
Date Collected: 05/18/22 18:10
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	579455	05/31/22 21:44	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-6
Date Collected: 05/18/22 19:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-3
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	578832	05/25/22 13:13	AGW	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-12
Date Collected: 05/18/22 17:30
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-4
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	579455	05/31/22 22:05	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-13
Date Collected: 05/18/22 17:40
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-5
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	579455	05/31/22 22:26	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-15
Date Collected: 05/18/22 18:00
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-6
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	579455	05/31/22 22:47	SAB	TAL PEN
	Instrument ID: Darwin									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

Client Sample ID: MW-14
Date Collected: 05/18/22 17:50
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-7
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	579455	05/31/22 23:08	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-16
Date Collected: 05/18/22 18:40
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	579455	05/31/22 23:28	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-17
Date Collected: 05/18/22 18:30
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-9
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	579455	05/31/22 23:49	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-18
Date Collected: 05/18/22 17:20
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-10
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	579455	06/01/22 00:10	SAB	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: DUP-01
Date Collected: 05/18/22 19:10
Date Received: 05/20/22 08:55

Lab Sample ID: 400-220236-11
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	579455	06/01/22 00:31	SAB	TAL PEN
	Instrument ID: Darwin									

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

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

GC/MS VOA

Analysis Batch: 578832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220236-3	MW-6	Total/NA	Water	8260C	
MB 400-578832/5	Method Blank	Total/NA	Water	8260C	
LCS 400-578832/1003	Lab Control Sample	Total/NA	Water	8260C	
400-220142-A-9 MS	Matrix Spike	Total/NA	Water	8260C	
400-220142-A-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 579455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220236-1	TRIP BLANK	Total/NA	Water	8260C	
400-220236-2	MW-5	Total/NA	Water	8260C	
400-220236-4	MW-12	Total/NA	Water	8260C	
400-220236-5	MW-13	Total/NA	Water	8260C	
400-220236-6	MW-15	Total/NA	Water	8260C	
400-220236-7	MW-14	Total/NA	Water	8260C	
400-220236-8	MW-16	Total/NA	Water	8260C	
400-220236-9	MW-17	Total/NA	Water	8260C	
400-220236-10	MW-18	Total/NA	Water	8260C	
400-220236-11	DUP-01	Total/NA	Water	8260C	
MB 400-579455/4	Method Blank	Total/NA	Water	8260C	
LCS 400-579455/1002	Lab Control Sample	Total/NA	Water	8260C	
400-220298-B-5 MS	Matrix Spike	Total/NA	Water	8260C	
400-220298-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

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

Lab Sample ID: MB 400-578832/5
Matrix: Water
Analysis Batch: 578832

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/25/22 09:24	1
Toluene	<1.0		1.0		ug/L			05/25/22 09:24	1
Ethylbenzene	<1.0		1.0		ug/L			05/25/22 09:24	1
Xylenes, Total	<10		10		ug/L			05/25/22 09:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*72 - 119*		*05/25/22 09:24*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*05/25/22 09:24*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/25/22 09:24*	*1*

Lab Sample ID: LCS 400-578832/1003
Matrix: Water
Analysis Batch: 578832

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	52.1		ug/L		104	70 - 130		
Toluene			50.0	54.2		ug/L		108	70 - 130		
Ethylbenzene			50.0	53.8		ug/L		108	70 - 130		
Xylenes, Total			100	107		ug/L		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*72 - 119*
Dibromofluoromethane	*97*		*75 - 126*
Toluene-d8 (Surr)	*101*		*64 - 132*

Lab Sample ID: 400-220142-A-9 MS
Matrix: Water
Analysis Batch: 578832

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		101	56 - 142		
Toluene	<1.0		50.0	50.7		ug/L		101	65 - 130		
Ethylbenzene	<1.0		50.0	50.3		ug/L		101	58 - 131		
Xylenes, Total	<10		100	102		ug/L		102	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*72 - 119*
Dibromofluoromethane	*97*		*75 - 126*
Toluene-d8 (Surr)	*103*		*64 - 132*

Lab Sample ID: 400-220142-A-9 MSD
Matrix: Water
Analysis Batch: 578832

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	52.2		ug/L		104	56 - 142	2	30
Toluene	<1.0		50.0	50.0		ug/L		100	65 - 130	1	30
Ethylbenzene	<1.0		50.0	46.3		ug/L		93	58 - 131	8	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

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

Lab Sample ID: 400-220142-A-9 MSD
Matrix: Water
Analysis Batch: 578832

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	90.7		ug/L		91	59 - 130	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*72 - 119*
Dibromofluoromethane	*96*		*75 - 126*
Toluene-d8 (Surr)	*103*		*64 - 132*

Lab Sample ID: MB 400-579455/4
Matrix: Water
Analysis Batch: 579455

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/31/22 18:58	1
Toluene	<1.0		1.0		ug/L			05/31/22 18:58	1
Ethylbenzene	<1.0		1.0		ug/L			05/31/22 18:58	1
Xylenes, Total	<10		10		ug/L			05/31/22 18:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*05/31/22 18:58*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/31/22 18:58*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*05/31/22 18:58*	*1*

Lab Sample ID: LCS 400-579455/1002
Matrix: Water
Analysis Batch: 579455

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	56.4		ug/L		113	70 - 130		
Toluene			50.0	53.8		ug/L		108	70 - 130		
Ethylbenzene			50.0	54.5		ug/L		109	70 - 130		
Xylenes, Total			100	108		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*72 - 119*
Dibromofluoromethane	*99*		*75 - 126*
Toluene-d8 (Surr)	*95*		*64 - 132*

Lab Sample ID: 400-220298-B-5 MS
Matrix: Water
Analysis Batch: 579455

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<1.0		50.0	52.3		ug/L		105	56 - 142		
Toluene	<1.0		50.0	48.5		ug/L		97	65 - 130		
Ethylbenzene	<1.0		50.0	47.9		ug/L		96	58 - 131		
Xylenes, Total	<10		100	94.4		ug/L		94	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-220236-1

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

Lab Sample ID: 400-220298-B-5 MS
Matrix: Water
Analysis Batch: 579455

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	102		72 - 119
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	98		64 - 132

Lab Sample ID: 400-220298-B-5 MSD
Matrix: Water
Analysis Batch: 579455

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	56.5		ug/L		113	56 - 142	8	30
Toluene	<1.0		50.0	53.3		ug/L		107	65 - 130	9	30
Ethylbenzene	<1.0		50.0	53.0		ug/L		106	58 - 131	10	30
Xylenes, Total	<10		100	105		ug/L		105	59 - 130	10	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	105		72 - 119
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	96		64 - 132

Released to Imaging: 5/22/2023 11:55:35 AM
Received by OCD: 3/28/2023 7:43:55 PM

Eurofins 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: Sarah Gardner/Sean Clay	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-111389-37674.1
Client Contact: Steve Varsa	Phone: 303 291 2239	E-Mail: Cheyenne.Whitmire@et.eurofinsus.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): See ARF			
State, Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No			
Phone:	PO #: WD1040032			
Email: steve.varsa@stantec.com	WO #: ERG-STN-05-06-22-SAH-06			
Project Name: James F Bell #1E.00	Project #: 40005479			
Site: James F. Bell	SSOW#:			

Analysis Requested

400-220236 COC

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:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260	8260C - (MOD) BTEX 8260 (unpreserved)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
Trip Blank	5/18/2022	1700	G	Water			2			
MW-5	5/18/2022	1810	G	Water			3			
MW-6	5/18/2022	1900	G	Water				3		
MW-12	5/18/2022	1730	G	Water			3			
MW-13	5/18/2022	1740	G	Water			3			
MW-15	5/18/2022	1800	G	Water			3			
MW-14	5/18/2022	1750	G	Water			3			
MW-16	5/18/2022	1840	G	Water			3			
MW-17	5/18/2022	1830	G	Water			3			
MW-18	5/18/2022	1720	G	Water			3			
~~DUP~~ DUP-01	5/18/2022	1910	G	Water			3			

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
1	Sean Clay	5/19/2022 1330	Stantec		5/20/22 855	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	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: 2.7°C IR8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-220236-1

Login Number: 220236 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Roberts, Alexis J

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	2.7°C IR8
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	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 400-220236-1
Project/Site: James F Bell #1E.00

Laboratory: Eurofins 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
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
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-22
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-23
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
West Virginia DEP	State	136	03-31-23

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa
Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines Iowa 50322-7904

Generated 11/18/2022 2:38:43 PM

JOB DESCRIPTION

James F Bell #1E.00

JOB NUMBER

400-228576-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Released to Imaging: 5/22/2023 11:55:35 AM

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Laboratory Job ID: 400-228576-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Job ID: 400-228576-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-228576-1

Comments
No additional comments.

Receipt
The samples were received on 11/8/2022 9:32 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 sample was diluted to bring the concentration of target analytes within the calibration range: MW-6 (400-228576-4). 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: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: TB-01 Lab Sample ID: 400-228576-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-228576-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	23		1.0		ug/L	1		8260C	Total/NA
Toluene	4.7		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.2		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	11		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-5 Lab Sample ID: 400-228576-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	23		1.0		ug/L	1		8260C	Total/NA
Toluene	4.4		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.2		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	11		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 Lab Sample ID: 400-228576-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	160		5.0		ug/L	5		8260C	Total/NA
Ethylbenzene	27		5.0		ug/L	5		8260C	Total/NA
Xylenes, Total	930		50		ug/L	5		8260C	Total/NA

Client Sample ID: MW-12 Lab Sample ID: 400-228576-5

No Detections.

Client Sample ID: MW-13 Lab Sample ID: 400-228576-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	3.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-14 Lab Sample ID: 400-228576-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	56		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 Lab Sample ID: 400-228576-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	3.7		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	7.3		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-16 Lab Sample ID: 400-228576-9

No Detections.

Client Sample ID: MW-17 Lab Sample ID: 400-228576-10

No Detections.

Client Sample ID: MW-18 Lab Sample ID: 400-228576-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-228576-1	TB-01	Water	11/03/22 15:00	11/08/22 09:32
400-228576-2	DUP-01	Water	11/03/22 12:00	11/08/22 09:32
400-228576-3	MW-5	Water	11/03/22 15:35	11/08/22 09:32
400-228576-4	MW-6	Water	11/03/22 15:58	11/08/22 09:32
400-228576-5	MW-12	Water	11/03/22 16:06	11/08/22 09:32
400-228576-6	MW-13	Water	11/03/22 16:17	11/08/22 09:32
400-228576-7	MW-14	Water	11/03/22 16:26	11/08/22 09:32
400-228576-8	MW-15	Water	11/03/22 16:36	11/08/22 09:32
400-228576-9	MW-16	Water	11/03/22 16:46	11/08/22 09:32
400-228576-10	MW-17	Water	11/03/22 16:56	11/08/22 09:32
400-228576-11	MW-18	Water	11/03/22 17:04	11/08/22 09:32

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: TB-01

Date Collected: 11/03/22 15:00
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/22 21:42	1
Toluene	<1.0		1.0		ug/L			11/15/22 21:42	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/22 21:42	1
Xylenes, Total	<10		10		ug/L			11/15/22 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*11/15/22 21:42*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/15/22 21:42*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/15/22 21:42*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: DUP-01
Date Collected: 11/03/22 12:00
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**23**		1.0		ug/L			11/15/22 22:08	1
Toluene	**4.7**		1.0		ug/L			11/15/22 22:08	1
Ethylbenzene	**1.2**		1.0		ug/L			11/15/22 22:08	1
Xylenes, Total	**11**		10		ug/L			11/15/22 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*11/15/22 22:08*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*11/15/22 22:08*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/15/22 22:08*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-5

Date Collected: 11/03/22 15:35
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**23**		1.0		ug/L			11/15/22 22:34	1
Toluene	**4.4**		1.0		ug/L			11/15/22 22:34	1
Ethylbenzene	**1.2**		1.0		ug/L			11/15/22 22:34	1
Xylenes, Total	**11**		10		ug/L			11/15/22 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 119*		*11/15/22 22:34*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*11/15/22 22:34*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/15/22 22:34*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-6

Date Collected: 11/03/22 15:58
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**160**		5.0		ug/L			11/10/22 11:21	5
Toluene	<5.0		5.0		ug/L			11/10/22 11:21	5
Ethylbenzene	**27**		5.0		ug/L			11/10/22 11:21	5
Xylenes, Total	**930**		50		ug/L			11/10/22 11:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*72 - 119*		*11/10/22 11:21*	*5*
Dibromofluoromethane	*98*		*75 - 126*		*11/10/22 11:21*	*5*
Toluene-d8 (Surr)	*95*		*64 - 132*		*11/10/22 11:21*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-12

Date Collected: 11/03/22 16:06
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-5

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/22 23:00	1
Toluene	<1.0		1.0		ug/L			11/15/22 23:00	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/22 23:00	1
Xylenes, Total	<10		10		ug/L			11/15/22 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*72 - 119*		*11/15/22 23:00*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/15/22 23:00*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/15/22 23:00*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-13

Date Collected: 11/03/22 16:17
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-6

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/15/22 23:26	1
Toluene	<1.0		1.0		ug/L			11/15/22 23:26	1
Ethylbenzene	**3.9**		1.0		ug/L			11/15/22 23:26	1
Xylenes, Total	<10		10		ug/L			11/15/22 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*72 - 119*		*11/15/22 23:26*	*1*
Dibromofluoromethane	*98*		*75 - 126*		*11/15/22 23:26*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/15/22 23:26*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-14

Date Collected: 11/03/22 16:26
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-7

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**56**		1.0		ug/L			11/15/22 23:52	1
Toluene	<1.0		1.0		ug/L			11/15/22 23:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/22 23:52	1
Xylenes, Total	<10		10		ug/L			11/15/22 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*72 - 119*		*11/15/22 23:52*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*11/15/22 23:52*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/15/22 23:52*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-15

Date Collected: 11/03/22 16:36
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-8

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.7**		1.0		ug/L			11/16/22 00:18	1
Toluene	<1.0		1.0		ug/L			11/16/22 00:18	1
Ethylbenzene	**7.3**		1.0		ug/L			11/16/22 00:18	1
Xylenes, Total	<10		10		ug/L			11/16/22 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*72 - 119*		*11/16/22 00:18*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*11/16/22 00:18*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/16/22 00:18*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-16

Date Collected: 11/03/22 16:46
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-9

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/16/22 00:44	1
Toluene	<1.0		1.0		ug/L			11/16/22 00:44	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/22 00:44	1
Xylenes, Total	<10		10		ug/L			11/16/22 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*72 - 119*		*11/16/22 00:44*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/16/22 00:44*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/16/22 00:44*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-17

Date Collected: 11/03/22 16:56
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-10

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/16/22 01:10	1
Toluene	<1.0		1.0		ug/L			11/16/22 01:10	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/22 01:10	1
Xylenes, Total	<10		10		ug/L			11/16/22 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*11/16/22 01:10*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/16/22 01:10*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/16/22 01:10*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-18

Date Collected: 11/03/22 17:04
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/16/22 01:36	1
Toluene	<1.0		1.0		ug/L			11/16/22 01:36	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/22 01:36	1
Xylenes, Total	<10		10		ug/L			11/16/22 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*11/16/22 01:36*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*11/16/22 01:36*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/16/22 01:36*	*1*

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: TB-01
Date Collected: 11/03/22 15:00
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-1
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	600824	11/15/22 21:42	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: DUP-01
Date Collected: 11/03/22 12:00
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	600824	11/15/22 22:08	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-5
Date Collected: 11/03/22 15:35
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	600824	11/15/22 22:34	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-6
Date Collected: 11/03/22 15:58
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-4
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		5	5 mL	5 mL	599997	11/10/22 11:21	WPD	EET PEN
	Instrument ID: Brutus									

Client Sample ID: MW-12
Date Collected: 11/03/22 16:06
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-5
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	600824	11/15/22 23:00	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-13
Date Collected: 11/03/22 16:17
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-6
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	600824	11/15/22 23:26	WPD	EET PEN
	Instrument ID: CH_CONAN									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

Client Sample ID: MW-14
Date Collected: 11/03/22 16:26
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-7
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	600824	11/15/22 23:52	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-15
Date Collected: 11/03/22 16:36
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	600824	11/16/22 00:18	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-16
Date Collected: 11/03/22 16:46
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-9
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	600824	11/16/22 00:44	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-17
Date Collected: 11/03/22 16:56
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-10
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	600824	11/16/22 01:10	WPD	EET PEN
	Instrument ID: CH_CONAN									

Client Sample ID: MW-18
Date Collected: 11/03/22 17:04
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228576-11
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	600824	11/16/22 01:36	WPD	EET PEN
	Instrument ID: CH_CONAN									

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

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

GC/MS VOA

Analysis Batch: 599997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228576-4	MW-6	Total/NA	Water	8260C	
MB 400-599997/4	Method Blank	Total/NA	Water	8260C	
LCS 400-599997/1002	Lab Control Sample	Total/NA	Water	8260C	
400-228559-A-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-228559-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 600824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228576-1	TB-01	Total/NA	Water	8260C	
400-228576-2	DUP-01	Total/NA	Water	8260C	
400-228576-3	MW-5	Total/NA	Water	8260C	
400-228576-5	MW-12	Total/NA	Water	8260C	
400-228576-6	MW-13	Total/NA	Water	8260C	
400-228576-7	MW-14	Total/NA	Water	8260C	
400-228576-8	MW-15	Total/NA	Water	8260C	
400-228576-9	MW-16	Total/NA	Water	8260C	
400-228576-10	MW-17	Total/NA	Water	8260C	
400-228576-11	MW-18	Total/NA	Water	8260C	
MB 400-600824/4	Method Blank	Total/NA	Water	8260C	
LCS 400-600824/1002	Lab Control Sample	Total/NA	Water	8260C	
400-228380-A-7 MS	Matrix Spike	Total/NA	Water	8260C	
400-228380-A-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

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

Lab Sample ID: MB 400-599997/4
Matrix: Water
Analysis Batch: 599997

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			11/10/22 08:36	1
Toluene	<1.0		1.0		ug/L			11/10/22 08:36	1
Ethylbenzene	<1.0		1.0		ug/L			11/10/22 08:36	1
Xylenes, Total	<10		10		ug/L			11/10/22 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*11/10/22 08:36*	*1*
Dibromofluoromethane	*96*		*75 - 126*		*11/10/22 08:36*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*11/10/22 08:36*	*1*

Lab Sample ID: LCS 400-599997/1002
Matrix: Water
Analysis Batch: 599997

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	44.3		ug/L		89	70 - 130		
Toluene			50.0	43.6		ug/L		87	70 - 130		
Ethylbenzene			50.0	43.5		ug/L		87	70 - 130		
Xylenes, Total			100	87.9		ug/L		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*72 - 119*
Dibromofluoromethane	*96*		*75 - 126*
Toluene-d8 (Surr)	*96*		*64 - 132*

Lab Sample ID: 400-228559-A-1 MS
Matrix: Water
Analysis Batch: 599997

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	43.1		ug/L		85	56 - 142		
Toluene	<1.0		50.0	39.4		ug/L		79	65 - 130		
Ethylbenzene	<1.0		50.0	40.2		ug/L		80	58 - 131		
Xylenes, Total	<10		100	80.8		ug/L		81	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*72 - 119*
Dibromofluoromethane	*97*		*75 - 126*
Toluene-d8 (Surr)	*96*		*64 - 132*

Lab Sample ID: 400-228559-A-1 MSD
Matrix: Water
Analysis Batch: 599997

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	49.5		ug/L		97	56 - 142	14	30
Toluene	<1.0		50.0	45.1		ug/L		90	65 - 130	14	30
Ethylbenzene	<1.0		50.0	46.1		ug/L		92	58 - 131	14	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

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

Lab Sample ID: 400-228559-A-1 MSD
Matrix: Water
Analysis Batch: 599997

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	92.3		ug/L		92	59 - 130	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*72 - 119*
Dibromofluoromethane	*99*		*75 - 126*
Toluene-d8 (Surr)	*95*		*64 - 132*

Lab Sample ID: MB 400-600824/4
Matrix: Water
Analysis Batch: 600824

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			11/15/22 16:57	1
Toluene	<1.0		1.0		ug/L			11/15/22 16:57	1
Ethylbenzene	<1.0		1.0		ug/L			11/15/22 16:57	1
Xylenes, Total	<10		10		ug/L			11/15/22 16:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*72 - 119*		*11/15/22 16:57*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*11/15/22 16:57*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/15/22 16:57*	*1*

Lab Sample ID: LCS 400-600824/1002
Matrix: Water
Analysis Batch: 600824

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			50.0	50.1		ug/L		100	70 - 130		
Toluene			50.0	50.6		ug/L		101	70 - 130		
Ethylbenzene			50.0	51.9		ug/L		104	70 - 130		
Xylenes, Total			100	104		ug/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*72 - 119*
Dibromofluoromethane	*94*		*75 - 126*
Toluene-d8 (Surr)	*98*		*64 - 132*

Lab Sample ID: 400-228380-A-7 MS
Matrix: Water
Analysis Batch: 600824

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	43.2		ug/L		86	56 - 142		
Toluene	<1.0		50.0	41.1		ug/L		82	65 - 130		
Ethylbenzene	<1.0		50.0	39.6		ug/L		79	58 - 131		
Xylenes, Total	<10		100	78.1		ug/L		78	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: James F Bell #1E.00

Job ID: 400-228576-1

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

Lab Sample ID: 400-228380-A-7 MS
Matrix: Water
Analysis Batch: 600824

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	106		72 - 119
Dibromofluoromethane	92		75 - 126
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: 400-228380-A-7 MSD
Matrix: Water
Analysis Batch: 600824

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	47.4		ug/L		95	56 - 142	9	30
Toluene	<1.0		50.0	45.6		ug/L		91	65 - 130	10	30
Ethylbenzene	<1.0		50.0	44.3		ug/L		89	58 - 131	11	30
Xylenes, Total	<10		100	88.4		ug/L		88	59 - 130	12	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	107		72 - 119
Dibromofluoromethane	93		75 - 126
Toluene-d8 (Surr)	100		64 - 132

Released to Imaging: 5/22/2023 11:55:35 AM
Received by OCD: 3/28/2023 7:43:55 PM

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

Chain of Custody Record

eurofins

Client Information	Sampler: SRC	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-114518-37674.1
Client Contact: Steve Varsa	Phone: 913 980 0281	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 2
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:	PO #: WD1040032			
Email: steve.varsa@stantec.com	WO #: ERG-STN-10-07-22-SAH-06			
Project Name: James F Bell #1E.00 SemiA	Project #: 40005479			
Site: JF Bell	SSOW#:			

Analysis Requested

400-228576 COC

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, Y - Trizma, Z - other (specify)
Other:

STN-06

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260	8260C - (MOD) BTEX 8260 (unpreserved)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
TB-01	11/3/2022	1500	G	Water			2		2	Trip Blank
DUP-01	11/3/2022	—	G	Water			3		3	
MW-5	11/3/2022	1535	G	Water			3		3	
MW-6	11/3/2022	1558	G	Water				3	3	
MW-12	11/3/2022	1606	G	Water			3		3	
MW-13	11/3/2022	1617	G	Water			3		3	
MW-14	11/3/2022	1626	G	Water			3		3	
MW-15	11/3/2022	1636	G	Water			3		3	
MW-16	11/3/2022	1646	G	Water			3		3	
MW-17	11/3/2022	1656	G	Water			3		3	
MW-18	11/3/2022	1704	G	Water			3		3	

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
	Jean R Cluz	11/7/2022 1200				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11-8-22 9:32	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0 2 1.8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-228576-1

Login Number: 228576 **List Source: Eurofins 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	0.0°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 400-228576-1
Project/Site: James F Bell #1E.00

Laboratory: Eurofins 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	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

Eurofins Pensacola

Job Notes

The test results in this report meet all NELAP requirements for accredited parameters, unless otherwise noted, and relate only to the referenced samples. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval from the laboratory. For questions please contact the Project Manager at the e-mail address listed on this page, or the telephone number at the bottom of the page. Eurofins Environment Testing Southeast LLC, Pensacola Certifications and Approvals: Alabama (40150), Arizona (AZ0710), Arkansas (88-0689), Florida (E81010), Illinois (200041), Iowa (367), Kansas (E-10253), Kentucky UST (53), Louisiana (30748), Maryland (233), Massachusetts (M-FL094), Michigan (9912), New Hampshire (250510), New Jersey (FL006), North Carolina (314), Oklahoma (9810), Pennsylvania (68-00467), Rhode Island (LAO00307), South Carolina (96026), Tennessee (TN02907), Texas (T104704286-10-2), Virginia (00008), Washington (C2043), West Virginia (136), USDA Foreign Soil Permit (P330-08-00006).

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 201684

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	7046
	Action Number: 201684
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2022 Annual Groundwater Report: Content satisfactory 1. Proceed with Planned Future Activities as stated in this report. 2. Submit next annual groundwater monitoring report no later than April 1, 2024.	5/22/2023