

2022 ANNUAL GROUNDWATER REPORT**Johnston Fed #6A****Incident Number: nAUTOfAB000309****Meter Code: 89232****T31N, R9W, Sec35, Unit F**

Review of the 2022 ANNUAL GROUNDWATER REPORT: Content satisfactory

1. Continue to follow "Planned Future Activities" as noted within this report.
2. Submit next annual groundwater report to OCD no later than April 1, 2024.

SITE DETAILS**Site Location:** Latitude: 36.856422 N, Longitude: -107.753819 W**Land Type:** Federal**Operator:** Hilcorp Energy**SITE BACKGROUND**

Environmental Remediation activities at Johnston Fed #6A (Site) are managed pursuant to the procedures set forth in the document entitled, "*Remediation Plan for Groundwater Encountered During Pit Closure Activities*" (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (NMOCD) in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into El Paso CGP Company (EPCGP's) program methods. Currently, the Site is operated by Hilcorp Energy and is active.

The Site is located on Federal land. An initial site assessment was completed in August 1994, and an excavation of 80 cubic yards (cy), to a depth of approximately 12 feet below ground surface (bgs), was completed in September 1994. Monitoring wells were installed in 1994 (MW-1 through MW-4), 1997 (temporary monitoring wells PZ-01 through PZ-07), 2000 (MW-5), 2006 (MW-6), and 2015 (MW-7 through MW-9). In 2019 monitoring wells MW-10 and MW-11 were installed to confirm groundwater delineation. In 2022 MW-1 was removed, drilled deeper, and a replacement monitoring well (MW-1R) was installed. The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring well and current and historical features is provided as Figure 2. Historically, light non-aqueous phase liquid (LNAPL) has periodically been encountered at MW-1, MW-2, and MW-3 and recovery has been periodically conducted since 1997. Mobile dual-phase extraction (MDPE) events to enhance hydrocarbon recovery were conducted in November 2016, September 2017, and August 2021. Quarterly manual LNAPL recovery began in the second quarter of 2020. Quarterly LNAPL inspections have continued through 2022. Currently, groundwater sampling is conducted on a semi-annual basis.

MONITORING WELL REPLACEMENT ACTIVITIES

At MW-1, LNAPL has historically been present and several MDPE events were conducted in 2016, 2017 and 2021 to remove LNAPL. Manual LNAPL recovery activities have also been conducted at MW-1. Due to the age and depth of the monitoring well, replacement was planned to facilitate future monitoring efforts and provide more representative groundwater samples. Prior to conducting drilling activities to replace MW-1, public 811 locating activities were arranged. The replacement of MW-1 with MW-1R was completed in accordance with the March 22, 2022 *Monitoring Well Replacement Work Plan* (March 2022 Work Plan). The NMOCD was notified of the start of the well replacement drilling activities on April 11, 2022 (Appendix A).

On April 21, 2022, the existing MW-1 casing, screen, and annular space well materials (sand, bentonite, and grout) were removed by over-drilling. After over-drilling, the borehole was advanced deeper to 51 feet below ground surface (bgs) for installation of MW-1R. The replacement monitoring well was constructed of 4-inch-diameter, Schedule 40 polyvinyl chloride (PVC), with 0.010-inch, continuous, factory-slotted screen and riser. Monitoring well MW-1R was installed with a 20-foot well screen, set from 30.5 to 50.5 feet bgs to bisect the expected water table. Sandpack was placed in the annular space around the screen from the bottom of the borehole to 2 feet above the top of the screen. A 3-foot seal of bentonite chips was placed above the sandpack and hydrated, and the remaining annular space was filled

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with bentonite grout to 6 inches below the bottom of the well vault. The monitoring well was completed with a protective steel stick-up well casing installed in a concrete pad. Three steel bollards were installed around the well to protect it. The borehole log and well construction diagram for MW-1R are provided in Appendix B. No soil sampling was conducted during the over-drilling and well replacement.

Monitoring well development was performed by surging and pumping until visible improvement in groundwater clarity was observed. Development and decontamination water generated in April 2022 during installation of MW-1R was containerized and transported to Envirotech, Inc. (Envirotech) south of Bloomfield, NM for disposal. Copies of the wastewater disposal documentation are included as Appendix C. Soil cuttings were drummed and staged on site for later removal and disposal at Envirotech. Soil disposal documentation is contained in Appendix D.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, 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 20, 2022 and November 5, 2022, water levels were gauged at MW-1R, and MW-2 through MW-11. Groundwater samples were collected from MW-1R, MW-3, MW-4, MW-5, MW-7, MW-8, and MW-9, on May 20, 2022. On November 5, 2022 groundwater samples were collected from MW-1R, and MW-2 through MW-11. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event approximately 0.5 foot above the bottom of the well screen using a suspension tether and stainless-steel weights to collect a sample from the screened interval.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC (Eurofins), in Pensacola, Florida, where they were analyzed for BTEX constituents. One laboratory supplied trip blank and one blind field duplicate sample were also collected during each groundwater sampling event. BTEX constituents were analyzed using EPA Method 8260.

The unused sample water was combined in a waste container and transported to Envirotech for disposal. Waste disposal documentation is included as Appendix C.

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 and continued with quarterly site visits in 2022 to measure and recover LNAPL, if present. Documentation of NMOCD notification of site LNAPL recovery activities in 2022 is provided in Appendix A. The LNAPL recovery data is summarized on Table 1. During the quarterly site visits in March, May, July, and November 2022, no LNAPL was observed at the site.

SUMMARY TABLES

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

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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 E.

GROUNDWATER RESULTS

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the north-northeast during 2022 (see Figures 4 and 6).
- Concentrations of benzene were either not detected or were below the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for groundwater in the site monitoring wells sampled in 2022.
- Concentrations of toluene were either not detected or were below the NMWQCC standard (750 µg/L) for toluene in the site monitoring wells sampled in 2022.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in the site monitoring wells sampled in 2022.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or were not detected in the site monitoring wells sampled in 2022.
- A field duplicate was collected from MW-4 for the May and November 2022 events. There were no significant differences between the primary sample and duplicate sample pairs during the 2022 groundwater sampling events.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2022 groundwater monitoring events.

PLANNED FUTURE ACTIVITIES

The groundwater sampling results from the November 2022 sampling event indicate site-wide concentrations are below applicable New Mexico Water Quality Control Commission (NMWQCC) standards for BTEX constituents. Therefore, groundwater monitoring events will be conducted on a quarterly basis through the third calendar quarter of 2023 to move the Site towards regulatory closure. Groundwater samples will be collected from monitoring wells and analyzed for BTEX constituents using EPA Method 8260. Due to the historical presence of LNAPL in the former pit, and in monitoring wells MW-2 and MW-3, monitoring wells MW-1R, MW-2, and MW-3 will also be sampled for PAHs during the first calendar quarter of 2023 to confirm applicable NMWQCC standards are achieved.

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

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS

TABLE 3 – GROUNDWATER ELEVATION RESULTS

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #6A

Well ID - MW-1	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/13/2016	38.40	38.49	0.09	0.01	<0.01	Manual
5/25/2016	38.41	38.51	0.10	0.02	<0.01	Manual
6/20/2016	NM	NM	0.02	0.01	<0.01	Manual
11/1/2018	38.60	38.61	0.01	<0.01	0.01	Manual
11/15/2016	38.59	38.60	0.01	<0.01	0.01	Manual
11/29/2016	38.61	38.65	0.04	4.38	168	Mobile DPE*
12/13/2016	38.60	38.61	0.01	<0.01	<0.01	Manual
5/24/2019	38.47	38.51	0.04	<0.01	<0.01	Manual
7/15/2017	38.54	38.58	0.04	<0.01	0.01	Manual
9/23/2017	ND	38.62	ND	20.2	590	Mobile DPE*
11/14/2019	39.01	39.02	0.01	<0.01	0.11	Manual
5/14/2020	39.01	39.02	0.01	<0.01	0.01	Manual
8/19/2020	39.08	39.08	<0.01	<0.01	0.25	Manual
11/13/2020	ND	39.10	0.00	0.00	0.00	manual
8/26/2021	ND	39.23	0.00	5.3	150	Mobile DPE*
8/31/2021	ND	39.28	0.00	5.0	159	Mobile DPE*
			Total:	34.9	908.4	

Notes:

NM = Not Measured. Measured thickness was obtained by measuring the thickness within a bailer.

ND = Not Detected.

* = Includes calculated recovered hydrocarbon vapors.

-- = No date recorded (recovery amounts combined with MW-4 MDPE event).

LNAPL = Light non-aqueous phase liquid

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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	08/10/95	605	1380	74.6	718
MW-1	12/13/95	1330	1610	235	1540
MW-1	04/11/96	775	1070	124	810
MW-1	07/23/96	676	1980	233	2090
MW-1	10/14/96	1790	8350	580	6200
MW-1	01/22/97	6420	19800	934	10700
MW-1	04/11/97	7310	23500	1010	10800
MW-1	06/18/01	NS	NS	NS	NS
MW-1	09/04/01	NS	NS	NS	NS
MW-1	03/04/02	NS	NS	NS	NS
MW-1	06/04/02	NS	NS	NS	NS
MW-1	09/10/02	NS	NS	NS	NS
MW-1	12/12/02	NS	NS	NS	NS
MW-1	03/14/03	NS	NS	NS	NS
MW-1	06/18/03	NS	NS	NS	NS
MW-1	09/16/03	NS	NS	NS	NS
MW-1	12/17/03	NS	NS	NS	NS
MW-1	03/16/04	NS	NS	NS	NS
MW-1	06/22/04	NS	NS	NS	NS
MW-1	09/22/04	NS	NS	NS	NS
MW-1	12/21/04	NS	NS	NS	NS
MW-1	03/23/05	NS	NS	NS	NS
MW-1	06/17/05	NS	NS	NS	NS
MW-1	09/20/05	NS	NS	NS	NS
MW-1	12/14/05	NS	NS	NS	NS
MW-1	03/25/06	NS	NS	NS	NS
MW-1	03/27/06	NS	NS	NS	NS
MW-1	06/06/06	NS	NS	NS	NS
MW-1	09/25/06	NS	NS	NS	NS
MW-1	12/07/06	NS	NS	NS	NS
MW-1	03/28/07	NS	NS	NS	NS
MW-1	06/18/07	NS	NS	NS	NS
MW-1	09/17/07	NS	NS	NS	NS
MW-1	12/17/07	NS	NS	NS	NS
MW-1	03/10/08	NS	NS	NS	NS
MW-1	06/17/08	NS	NS	NS	NS
MW-1	09/10/08	NS	NS	NS	NS
MW-1	12/02/08	NS	NS	NS	NS
MW-1	03/05/09	NS	NS	NS	NS
MW-1	06/02/09	NS	NS	NS	NS
MW-1	08/28/09	NS	NS	NS	NS
MW-1	11/04/09	NS	NS	NS	NS
MW-1	02/17/10	NS	NS	NS	NS
MW-1	05/24/10	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/02/10	NS	NS	NS	NS
MW-1	02/07/11	611	8260	1260	11600
MW-1	05/02/11	NS	NS	NS	NS
MW-1	09/23/11	NS	NS	NS	NS
MW-1	11/01/11	NS	NS	NS	NS
MW-1	02/21/12	577	5510	916	5420
MW-1	05/14/12	NS	NS	NS	NS
MW-1	06/09/13	510	17000	1400	15000
MW-1	09/09/13	NS	NS	NS	NS
MW-1	12/12/13	NS	NS	NS	NS
MW-1	04/02/14	NS	NS	NS	NS
MW-1	10/23/14	NS	NS	NS	NS
MW-1	05/30/15	NS	NS	NS	NS
MW-1	11/19/15	NS	NS	NS	NS
MW-1	04/16/16	NS	NS	NS	NS
MW-1	10/13/16	NS	NS	NS	NS
MW-1	11/29/16	NS	NS	NS	NS
MW-1	07/15/17	NS	NS	NS	NS
MW-1	06/09/17	NS	NS	NS	NS
MW-1	09/23/17	NS	NS	NS	NS
MW-1	11/12/17	27	2800	560	3900
MW-1	05/16/18	27	2600	840	5600
DP-01(MW-1)*	05/16/18	30	3700	980	8000
MW-1	10/26/18	4.6	32	180	130
DUP-01(MW-1)*	10/26/18	4.5	37	170	140
MW-1	05/22/19	5.4	330	250	910
DUP-1(MW-1)*	05/22/19	<5.0	210	260	700
MW-1	11/12/19	NS	NS	NS	NS
MW-1	05/17/20	NS	NS	NS	NS
MW-1	11/13/20	1.5	200	30	140
DUP-1(MW-1)*	11/13/20	1.3	180	8.6	36
MW-1	03/18/21	NS	NS	NS	NS
MW-1	05/18/21	6.3 J	430	230	1500
MW-1	08/26/21	NS	NS	NS	NS
MW-1	11/15/21	<50	1600	700	5400
DUP-1(MW-1)*	11/15/21	<50	1700	700	6000
MW-1 replaced with MW-1R on 4/21/2022					
MW-1R	05/20/22	3.6	66	98	570
MW-1R	11/05/22	2.1	14	17	120
MW-2	12/13/95	15.1	50.8	<2.5	53.8
MW-2	04/11/96	<1	<1	<1	3.13
MW-2	07/23/96	<1	1.15	<1	4.06

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	10/14/96	<1	1.04	<1	4.85
MW-2	01/22/97	<1	<1	<1	<3
MW-2	04/11/97	<1	<1	<1	<3
MW-2	10/09/00	<0.5	<0.5	<0.5	<0.5
MW-2	06/18/01	<0.5	<0.5	<0.5	<0.5
MW-2	09/04/01	NS	NS	NS	NS
MW-2	06/03/02	<0.5	<0.5	<0.5	<1
MW-2	09/10/02	NS	NS	NS	NS
MW-2	12/12/02	NS	NS	NS	NS
MW-2	03/14/03	NS	NS	NS	NS
MW-2	06/18/03	NS	NS	NS	NS
MW-2	09/16/03	NS	NS	NS	NS
MW-2	12/17/03	NS	NS	NS	NS
MW-2	03/16/04	NS	NS	NS	NS
MW-2	06/22/04	NS	NS	NS	NS
MW-2	09/22/04	NS	NS	NS	NS
MW-2	12/21/04	NS	NS	NS	NS
MW-2	03/23/05	NS	NS	NS	NS
MW-2	06/17/05	NS	NS	NS	NS
MW-2	09/20/05	NS	NS	NS	NS
MW-2	12/14/05	NS	NS	NS	NS
MW-2	03/27/06	NS	NS	NS	NS
MW-2	06/06/06	NS	NS	NS	NS
MW-2	09/25/06	NS	NS	NS	NS
MW-2	12/07/06	NS	NS	NS	NS
MW-2	03/28/07	NS	NS	NS	NS
MW-2	06/18/07	NS	NS	NS	NS
MW-2	09/17/07	NS	NS	NS	NS
MW-2	12/17/07	NS	NS	NS	NS
MW-2	03/10/08	NS	NS	NS	NS
MW-2	06/17/08	NS	NS	NS	NS
MW-2	09/10/08	NS	NS	NS	NS
MW-2	12/02/08	NS	NS	NS	NS
MW-2	03/05/09	NS	NS	NS	NS
MW-2	06/02/09	NS	NS	NS	NS
MW-2	08/28/09	NS	NS	NS	NS
MW-2	11/04/09	NS	NS	NS	NS
MW-2	02/17/10	NS	NS	NS	NS
MW-2	05/24/10	NS	NS	NS	NS
MW-2	09/24/10	NS	NS	NS	NS
MW-2	11/02/10	NS	NS	NS	NS
MW-2	02/07/11	NS	NS	NS	NS
MW-2	05/02/11	NS	NS	NS	NS
MW-2	09/23/11	NS	NS	NS	NS

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Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	11/01/11	NS	NS	NS	NS
MW-2	02/21/12	NS	NS	NS	NS
MW-2	05/14/12	NS	NS	NS	NS
MW-2	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-2	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-2	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-2	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-2	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-2	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-2	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-2	04/16/16	NS	NS	NS	NS
MW-2	10/13/16	NS	NS	NS	NS
MW-2	06/09/17	NS	NS	NS	NS
MW-2	11/12/17	<1.0	<1.0	<1.0	<10
MW-2	05/16/18	NS	NS	NS	NS
MW-2	10/26/18	NS	NS	NS	NS
MW-2	05/22/19	NS	NS	NS	NS
MW-2	11/12/19	NS	NS	NS	NS
MW-2	05/17/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-2)*	05/17/20	<1.0	<1.0	<1.0	<10
MW-2	11/13/20	NS	NS	NS	NS
MW-2	05/18/21	NS	NS	NS	NS
MW-2	08/26/21	NS	NS	NS	NS
MW-2	11/15/21	<1.0	<1.0	<1.0	<10
MW-2	05/20/22	NS	NS	NS	NS
MW-2	11/05/22	<1.0	<1.0	<1.0	<10
MW-3	12/13/95	488	1020	104	1120
MW-3	04/11/96	772	231	113	379
MW-3	07/25/96	687	112	115	209
MW-3	10/14/96	900	240	140	340
MW-3	01/22/97	907	234	215	340
MW-3	04/11/97	944	209	223	322
MW-3	06/18/01	510	23	160	98
MW-3	09/04/01	NS	NS	NS	NS
MW-3	06/03/02	380	<5	110	29
MW-3	12/12/02	NS	NS	NS	NS
MW-3	03/14/03	NS	NS	NS	NS
MW-3	06/18/03	NS	NS	NS	NS
MW-3	09/16/03	NS	NS	NS	NS
MW-3	12/17/03	NS	NS	NS	NS
MW-3	03/16/04	NS	NS	NS	NS
MW-3	06/22/04	NS	NS	NS	NS
MW-3	09/22/04	NS	NS	NS	NS

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NMWQCC Standards:		10	750	750	620
MW-3	12/21/04	NS	NS	NS	NS
MW-3	03/23/05	NS	NS	NS	NS
MW-3	06/17/05	NS	NS	NS	NS
MW-3	09/20/05	NS	NS	NS	NS
MW-3	12/14/05	NS	NS	NS	NS
MW-3	03/25/06	NS	NS	NS	NS
MW-3	03/27/06	NS	NS	NS	NS
MW-3	06/06/06	NS	NS	NS	NS
MW-3	09/25/06	NS	NS	NS	NS
MW-3	12/07/06	NS	NS	NS	NS
MW-3	03/28/07	NS	NS	NS	NS
MW-3	06/18/07	NS	NS	NS	NS
MW-3	09/17/07	NS	NS	NS	NS
MW-3	12/17/07	NS	NS	NS	NS
MW-3	03/10/08	NS	NS	NS	NS
MW-3	06/17/08	NS	NS	NS	NS
MW-3	09/10/08	NS	NS	NS	NS
MW-3	12/02/08	NS	NS	NS	NS
MW-3	03/05/09	1.2	17.9	9.4	59
MW-3	06/02/09	NS	NS	NS	NS
MW-3	08/28/09	NS	NS	NS	NS
MW-3	11/04/09	NS	NS	NS	NS
MW-3	02/17/10	3.2	4.5	3.4	25.9
MW-3	05/24/10	NS	NS	NS	NS
MW-3	09/24/10	NS	NS	NS	NS
MW-3	11/02/10	NS	NS	NS	NS
MW-3	02/07/11	8.6	1.3	6	13.1
MW-3	05/02/11	NS	NS	NS	NS
MW-3	09/23/11	NS	NS	NS	NS
MW-3	11/01/11	NS	NS	NS	NS
MW-3	02/21/12	4.7	7.6	23.1	19.1
MW-3	05/14/12	NS	NS	NS	NS
MW-3	06/09/13	<0.14	0.71 J	49	12
MW-3	09/09/13	0.78 J	0.48 J	30	2.2 J
MW-3	12/12/13	<0.20	51	23	5.4
MW-3	04/02/14	3.5	57	19	8.7
MW-3	10/23/14	<0.38	<0.70	6.2	<1.6
MW-3	05/30/15	<1.0	<5.0	4.6	17
MW-3	11/19/15	<1.0	2.5	2.1	<3.0
MW-3	04/16/16	<1.0	52	1.9	<5.0
MW-3	10/13/16	<1.0	61	1.9	<5.0
MW-3	06/09/17	<1.0	<5.0	1.6	25
MW-3	11/12/17	<1.0	<1.0	<1.0	<10
MW-3	05/16/18	<1.0	<1.0	1.2	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	10/26/18	<1.0	<1.0	<1.0	<10
MW-3	05/22/19	<1.0	<1.0	<1.0	<10
MW-3	11/12/19	<1.0	<1.0	<1.0	<2.0
DUP-1(MW-3)*	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-3	05/17/20	<1.0	<1.0	<1.0	<10
MW-3	11/13/20	<1.0	<1.0	<1.0	<10
MW-3	05/18/21	<1.0	<1.0	<1.0	<10
MW-3	08/26/21	NS	NS	NS	NS
MW-3	11/15/21	<1.0	<1.0	<1.0	<10
MW-3	05/20/22	<1.0	<1.0	<1.0	<10
MW-3	11/05/22	<1.0	<1.0	<1.0	<10
MW-4	12/13/95	545	121	114	177
MW-4	04/11/96	591	160	133	193
MW-4	07/25/96	793	96.4	172	174
MW-4	10/14/96	800	100	130	235
MW-4	01/22/97	899	26.7	157	186
MW-4	04/11/97	703	20.1	149	138
MW-4	10/09/00	81	36	45	20
MW-4	06/18/01	490	70	91	96
MW-4	09/04/01	NS	NS	NS	NS
MW-4	06/03/02	16	<5	17	2.2
MW-4	09/10/02	NS	NS	NS	NS
MW-4	12/12/02	NS	NS	NS	NS
MW-4	03/14/03	NS	NS	NS	NS
MW-4	06/18/03	<1	<1	1.7	<3
MW-4	09/16/03	NS	NS	NS	NS
MW-4	12/17/03	NS	NS	NS	NS
MW-4	03/16/04	NS	NS	NS	NS
MW-4	06/22/04	0.56 J	1.1	2.8	<1
MW-4	09/22/04	NS	NS	NS	NS
MW-4	12/21/04	NS	NS	NS	NS
MW-4	03/23/05	<1	<1	<1	0.99
MW-4	06/17/05	NS	NS	NS	NS
MW-4	09/20/05	NS	NS	NS	NS
MW-4	12/14/05	NS	NS	NS	NS
MW-4	03/27/06	0.39 J	<1	<1	0.83 J
MW-4	06/06/06	NS	NS	NS	NS
MW-4	09/25/06	NS	NS	NS	NS
MW-4	12/07/06	NS	NS	NS	NS
MW-4	03/28/07	0.39 J	0.6 J	<1	1.7 J
MW-4	06/18/07	NS	NS	NS	NS
MW-4	09/17/07	NS	NS	NS	NS
MW-4	12/17/07	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	03/10/08	0.25 J	<1	<1	<2
MW-4	06/17/08	NS	NS	NS	NS
MW-4	09/10/08	NS	NS	NS	NS
MW-4	12/02/08	NS	NS	NS	NS
MW-4	03/05/09	NS	NS	NS	NS
MW-4	06/02/09	NS	NS	NS	NS
MW-4	08/28/09	NS	NS	NS	NS
MW-4	11/04/09	NS	NS	NS	NS
MW-4	02/17/10	NS	NS	NS	NS
MW-4	05/24/10	NS	NS	NS	NS
MW-4	09/24/10	NS	NS	NS	NS
MW-4	11/02/10	NS	NS	NS	NS
MW-4	02/07/11	NS	NS	NS	NS
MW-4	05/02/11	NS	NS	NS	NS
MW-4	09/23/11	NS	NS	NS	NS
MW-4	11/01/11	NS	NS	NS	NS
MW-4	02/21/12	NS	NS	NS	NS
MW-4	05/14/12	NS	NS	NS	NS
MW-4	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-4	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-4	12/12/13	<0.20	0.51 J	<0.20	<0.65
MW-4	04/02/14	<0.20	1.2 J	<0.20	<0.65
MW-4	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/16/16	NS	NS	NS	NS
MW-4	10/13/16	NS	NS	NS	NS
MW-4	06/09/17	NS	NS	NS	NS
MW-4	11/12/17	<1.0	<1.0	<1.0	<10
MW-4	05/16/18	NS	NS	NS	NS
MW-4	10/26/18	NS	NS	NS	NS
MW-4	05/22/19	NS	NS	NS	NS
MW-4	11/12/19	NS	NS	NS	NS
MW-4	05/17/20	<1.0	<1.0	<1.0	<10
MW-4	11/13/20	<1.0	<1.0	<1.0	<10
MW-4	05/18/21	<1.0	<1.0	<1.0	<10
DUP-1(MW-4)*	05/18/21	<1.0	<1.0	<1.0	<10
MW-4	08/26/21	NS	NS	NS	NS
MW-4	11/15/21	<1.0	<1.0	<1.0	<10
MW-4	05/20/22	<1.0	<1.0	<1.0	<10
DUP-1(MW-4)*	05/20/22	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	11/05/22	<1.0	<1.0	<1.0	<10
DUP-1(MW-4)*	11/05/22	<1.0	<1.0	<1.0	<10
MW-5	08/30/00	130	180	56	650
MW-5	06/18/01	170	300	68	630
MW-5	09/04/01	NS	NS	NS	NS
MW-5	06/04/02	43	87	31	360
MW-5	09/10/02	NS	NS	NS	NS
MW-5	12/12/02	NS	NS	NS	NS
MW-5	03/14/03	NS	NS	NS	NS
MW-5	06/18/03	NS	NS	NS	NS
MW-5	09/16/03	NS	NS	NS	NS
MW-5	12/17/03	NS	NS	NS	NS
MW-5	03/16/04	NS	NS	NS	NS
MW-5	06/22/04	NS	NS	NS	NS
MW-5	09/22/04	NS	NS	NS	NS
MW-5	12/21/04	NS	NS	NS	NS
MW-5	03/23/05	NS	NS	NS	NS
MW-5	06/17/05	NS	NS	NS	NS
MW-5	09/20/05	NS	NS	NS	NS
MW-5	12/14/05	NS	NS	NS	NS
MW-5	03/27/06	NS	NS	NS	NS
MW-5	06/06/06	NS	NS	NS	NS
MW-5	09/25/06	NS	NS	NS	NS
MW-5	12/07/06	NS	NS	NS	NS
MW-5	03/28/07	NS	NS	NS	NS
MW-5	06/18/07	NS	NS	NS	NS
MW-5	09/17/07	NS	NS	NS	NS
MW-5	12/17/07	NS	NS	NS	NS
MW-5	03/10/08	NS	NS	NS	NS
MW-5	06/17/08	NS	NS	NS	NS
MW-5	09/10/08	NS	NS	NS	NS
MW-5	12/02/08	NS	NS	NS	NS
MW-5	03/05/09	1.9	9.8	44	120
MW-5	06/02/09	NS	NS	NS	NS
MW-5	08/28/09	NS	NS	NS	NS
MW-5	11/04/09	NS	NS	NS	NS
MW-5	02/17/10	1.7	2.6	2.7	19.2
MW-5	05/24/10	NS	NS	NS	NS
MW-5	09/24/10	NS	NS	NS	NS
MW-5	11/02/10	NS	NS	NS	NS
MW-5	02/07/11	11.9	920	177	1870
MW-5	05/02/11	NS	NS	NS	NS
MW-5	09/23/11	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	11/01/11	NS	NS	NS	NS
MW-5	02/21/12	2.7	1.7	5.2	85.5
MW-5	05/14/12	NS	NS	NS	NS
MW-5	06/09/13	<0.14	<0.30	0.31 J	0.79 J
MW-5	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-5	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-5	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-5	10/23/14	<0.38	0.96 J	<0.50	1.9 J
MW-5	05/30/15	<1.0	<5.0	<1.0	2.1 J
MW-5	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-5	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-5	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-5	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-5	11/12/17	<1.0	<1.0	<1.0	<10
MW-5	05/16/18	<1.0	<1.0	<1.0	<10
MW-5	10/26/18	<1.0	<1.0	<1.0	<10
MW-5	05/22/19	<1.0	<1.0	<1.0	<10
MW-5	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-5	05/17/20	<1.0	<1.0	<1.0	<10
MW-5	11/13/20	<1.0	<1.0	<1.0	<10
MW-5	05/18/21	<1.0	<1.0	<1.0	<10
MW-5	08/26/21	NS	NS	NS	NS
MW-5	11/15/21	<1.0	<1.0	<1.0	<10
MW-5	05/20/22	<1.0	<1.0	<1.0	<10
MW-5	11/05/22	<1.0	<1.0	<1.0	<10
MW-6	12/07/06	NS	NS	NS	NS
MW-6	03/28/07	<1	<1	<1	<2
MW-6	06/18/07	NS	NS	NS	NS
MW-6	09/17/07	NS	NS	NS	NS
MW-6	12/17/07	NS	NS	NS	NS
MW-6	03/10/08	9.4	<1	0.5 J	139
MW-6	03/05/09	<1	<1	<1	<2
MW-6	06/02/09	NS	NS	NS	NS
MW-6	08/28/09	NS	NS	NS	NS
MW-6	11/04/09	NS	NS	NS	NS
MW-6	05/24/10	NS	NS	NS	NS
MW-6	09/24/10	NS	NS	NS	NS
MW-6	11/02/10	NS	NS	NS	NS
MW-6	02/07/11	<1	<1	<1	<2
MW-6	05/02/11	NS	NS	NS	NS
MW-6	09/23/11	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	11/01/11	NS	NS	NS	NS
MW-6	02/21/12	<1	<1	<1	<2
MW-6	05/14/12	NS	NS	NS	NS
MW-6	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-6	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-6	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-6	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-6	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-6	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-6	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-6	04/16/16	NS	NS	NS	NS
MW-6	10/13/16	NS	NS	NS	NS
MW-6	06/09/17	NS	NS	NS	NS
MW-6	11/12/17	<1.0	<1.0	<1.0	<10
MW-6	05/16/18	NS	NS	NS	NS
MW-6	10/26/18	NS	NS	NS	NS
MW-6	05/22/19	NS	NS	NS	NS
MW-6	11/12/19	NS	NS	NS	NS
MW-6	05/17/20	<1.0	<1.0	<1.0	<10
MW-6	11/13/20	NS	NS	NS	NS
MW-6	05/18/21	NS	NS	NS	NS
MW-6	08/26/21	NS	NS	NS	NS
MW-6	11/15/21	<1.0	<1.0	<1.0	<10
MW-6	05/20/22	NS	NS	NS	NS
MW-6	11/05/22	<1.0	<1.0	<1.0	<10
MW-7	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-7	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-7	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-7	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-7	11/12/17	<1.0	<1.0	<1.0	<10
MW-7	05/16/18	<1.0	<1.0	<1.0	<10
MW-7	10/26/18	<1.0	<1.0	<1.0	<10
MW-7	05/22/19	<1.0	<1.0	<1.0	<10
MW-7	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-7	05/17/20	<1.0	<1.0	<1.0	<10
MW-7	11/13/20	<1.0	<1.0	<1.0	<10
MW-7	05/18/21	<1.0	<1.0	<1.0	<10
MW-7	08/26/21	NS	NS	NS	NS
MW-7	11/15/21	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-7	05/20/22	<1.0	<1.0	<1.0	<10
MW-7	11/05/22	<1.0	<1.0	<1.0	<10
MW-8	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-8	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-8	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-8	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-8	11/12/17	<1.0	<1.0	<1.0	<10
MW-8	05/16/18	<1.0	<1.0	<1.0	<10
MW-8	10/26/18	<1.0	<1.0	<1.0	<10
MW-8	05/22/19	<1.0	<1.0	<1.0	<10
MW-8	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-8	05/17/20	<1.0	<1.0	<1.0	<10
MW-8	11/13/20	<1.0	<1.0	<1.0	<10
MW-8	05/18/21	<1.0	<1.0	<1.0	<10
MW-8	08/26/21	NS	NS	NS	NS
MW-8	11/15/21	<1.0	<1.0	<1.0	<10
MW-8	05/20/22	<1.0	<1.0	<1.0	<10
MW-8	11/05/22	<1.0	<1.0	<1.0	<10
MW-9	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-9	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-9	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-9	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-9	11/12/17	<1.0	<1.0	<1.0	<10
MW-9	05/16/18	<1.0	<1.0	<1.0	<10
MW-9	10/26/18	<1.0	<1.0	<1.0	<10
MW-9	05/22/19	<1.0	<1.0	<1.0	<10
MW-9	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-9	05/17/20	<1.0	<1.0	<1.0	<10
MW-9	11/13/20	<1.0	<1.0	<1.0	<10
MW-9	05/18/21	<1.0	<1.0	<1.0	<10
MW-9	08/26/21	NS	NS	NS	NS
MW-9	11/15/21	<1.0	<1.0	<1.0	<10
MW-9	05/20/22	<1.0	<1.0	<1.0	<10
MW-9	11/05/22	<1.0	<1.0	<1.0	<10
MW-10	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-10	05/17/20	<1.0	<1.0	<1.0	<10
MW-10	11/13/20	NS	NS	NS	NS
MW-10	05/18/21	NS	NS	NS	NS
MW-10	08/26/21	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-10	11/15/21	<1.0	<1.0	<1.0	<10
MW-10	05/20/22	NS	NS	NS	NS
MW-10	11/05/22	<1.0	<1.0	<1.0	<10
MW-11	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-11	05/17/20	<1.0	<1.0	<1.0	<10
MW-11	11/13/20	NS	NS	NS	NS
MW-11	05/18/21	NS	NS	NS	NS
MW-11	08/26/21	NS	NS	NS	NS
MW-11	11/15/21	<1.0	<1.0	<1.0	<10
MW-11	05/20/22	NS	NS	NS	NS
MW-11	11/05/22	<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 is an approximate value.

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

*Field Duplicate results presented immediately below primary sample result

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	08/10/95	6001.88	NR	37.24		5964.64
MW-1	12/13/95	6001.88	NR	37.35		5964.53
MW-1	04/11/96	6001.88	NR	37.48		5964.40
MW-1	07/23/96	6001.88	NR	37.55		5964.33
MW-1	10/14/96	6001.88	37.07	37.22	0.15	5964.78
MW-1	01/22/97	6001.88	37.43	38.26	0.83	5964.25
MW-1	04/11/97	6001.88	37.20	38.31	1.11	5964.41
MW-1	06/18/01	6001.88	37.34	38.21	0.87	5964.33
MW-1	09/04/01	6001.88	37.54	38.27	0.73	5964.16
MW-1	03/04/02	6001.88	37.74	38.35	0.61	5963.99
MW-1	06/04/02	6001.88	37.81	38.14	0.33	5963.99
MW-1	09/10/02	6001.88	38.00	38.24	0.23	5963.83
MW-1	12/12/02	6001.88	38.01	38.11	0.10	5963.85
MW-1	03/14/03	6001.88	37.95	38.08	0.13	5963.90
MW-1	06/18/03	6001.88	37.88	38.47	0.59	5963.86
MW-1	09/16/03	6001.88	38.17	38.25	0.08	5963.69
MW-1	12/17/03	6001.88	38.13	38.23	0.10	5963.73
MW-1	03/16/04	6001.88	37.90	38.57	0.67	5963.82
MW-1	06/22/04	6001.88	37.90	38.65	0.75	5963.80
MW-1	09/22/04	6001.88	38.21	38.60	0.39	5963.58
MW-1	12/21/04	6001.88	38.20	38.38	0.18	5963.64
MW-1	03/23/05	6001.88	37.95	38.50	0.55	5963.80
MW-1	06/17/05	6001.88	38.13	38.62	0.49	5963.63
MW-1	09/20/05	6001.88	38.40	38.83	0.43	5963.38
MW-1	12/14/05	6001.88	38.31	38.72	0.41	5963.47
MW-1	03/25/06	6001.88	38.15	38.66	0.51	5963.61
MW-1	03/27/06	6001.88	38.05	38.62	0.57	5963.69
MW-1	06/06/06	6001.88	38.29	38.84	0.55	5963.46
MW-1	09/25/06	6001.88	38.51	39.01	0.50	5963.25
MW-1	12/07/06	6001.88	ND	38.33		5963.55
MW-1	03/28/07	6001.88	38.02	38.09	0.07	5963.85
MW-1	06/18/07	6001.88	38.09	38.86	0.77	5963.60
MW-1	09/17/07	6001.88	38.40	39.32	0.92	5963.25
MW-1	12/17/07	6001.88	38.42	39.13	0.71	5963.29
MW-1	03/10/08	6001.88	37.90	38.24	0.34	5963.90
MW-1	06/17/08	6001.88	37.38	37.71	0.33	5964.42
MW-1	09/10/08	6001.88	37.41	37.72	0.31	5964.40
MW-1	12/02/08	6001.88	37.51	37.89	0.38	5964.28
MW-1	03/05/09	6001.88	37.20	37.63	0.43	5964.58
MW-1	06/02/09	6001.88	37.49	37.83	0.34	5964.31
MW-1	08/28/09	6001.88	37.65	37.99	0.34	5964.15
MW-1	11/04/09	6001.88	ND	37.77		5964.11
MW-1	02/17/10	6001.88	37.60	38.11	0.51	5964.16
MW-1	05/24/10	6001.88	37.81	38.27	0.46	5963.96

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	09/24/10	6001.88	38.05	38.46	0.41	5963.73
MW-1	11/02/10	6001.88	38.16	38.55	0.39	5963.63
MW-1	02/07/11	6001.88	37.93	38.37	0.44	5963.84
MW-1	05/02/11	6001.88	ND	38.57		5963.31
MW-1	09/23/11	6001.88	38.32	38.75	0.43	5963.46
MW-1	11/01/11	6001.88	ND	38.80		5963.08
MW-1	02/21/12	6001.88	38.21	38.65	0.44	5963.56
MW-1	05/14/12	6001.88	38.36	38.84	0.48	5963.40
MW-1	06/09/13	6001.88	38.41	39.22	0.81	5963.27
MW-1	09/09/13	6001.88	38.60	39.21	0.61	5963.13
MW-1	12/12/13	6001.88	38.65	39.01	0.36	5963.14
MW-1	04/02/14	6001.88	38.61	38.94	0.33	5963.19
MW-1	10/23/14	6001.88	38.82	39.03	0.21	5963.01
MW-1	05/30/15	6001.88	38.86	39.04	0.18	5962.98
MW-1	11/19/15	6001.88	38.58	38.70	0.12	5963.27
MW-1	04/16/16	6001.88	38.40	38.49	0.09	5963.46
MW-1	10/13/16	6001.88	38.60	38.61	0.01	5963.28
MW-1	11/29/16	6001.88	38.61	38.65	0.04	5963.26
MW-1	06/09/17	6001.88	38.47	38.51	0.04	5963.40
MW-1	07/15/17	6001.88	38.54	38.58	0.04	5963.33
MW-1	09/23/17	6001.88	ND	38.62		5963.26
MW-1	11/12/17	6001.88	ND	38.69		5963.19
MW-1	05/16/18	6001.88	ND	38.68		5963.20
MW-1	10/26/18	6001.88	ND	38.87		5963.01
MW-1	05/22/19	6001.88	ND	38.90		5962.98
MW-1	11/12/19	6001.88	39.01	39.02	0.01	5962.87
MW-1	05/17/20	6001.88	39.01	39.02	0.01	5962.87
MW-1	08/19/20	6001.88	39.08	39.08	0.01	5962.81
MW-1	11/13/20	6001.88	ND	39.10		5962.78
MW-1	03/18/21	6001.88	ND	39.21		5962.67
MW-1	05/18/21	6001.88	ND	39.16		5962.72
MW-1	08/26/21	6001.88	ND	39.23		5962.65
MW-1	08/31/21	6001.88	ND	39.28		5962.60
MW-1	11/15/21	6001.88	ND	39.24		5962.64
MW-1	03/23/22	6001.88	ND	39.25		5962.63
MW-1 replaced with MW-1R on 4/21/2022						
MW-1R	05/20/22	6001.63	ND	38.98		5962.65
MW-1R	07/31/22	6001.63	ND	39.05		5962.58
MW-1R	11/05/22	6001.63	ND	38.75		5962.88
MW-2	12/13/95	6001.82	NR	37.39		5964.43
MW-2	04/11/96	6001.82	NR	37.47		5964.35
MW-2	07/23/96	6001.82	NR	37.60		5964.22
MW-2	10/14/96	6001.82	NR	37.70		5964.12
MW-2	01/22/97	6001.82	NR	37.66		5964.16
MW-2	04/11/97	6001.82	NR	37.58		5964.24
MW-2	10/09/00	6001.82	NR	37.56		5964.26

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	06/18/01	6001.82	NR	37.58		5964.24
MW-2	09/04/01	6001.82	NR	37.75		5964.07
MW-2	06/03/02	6001.82	NR	37.88		5963.94
MW-2	09/10/02	6001.82	NR	38.02		5963.80
MW-2	12/12/02	6001.82	NR	38.01		5963.81
MW-2	03/14/03	6001.82	ND	37.97		5963.85
MW-2	06/18/03	6001.82	ND	38.01		5963.81
MW-2	09/16/03	6001.82	ND	38.18		5963.64
MW-2	12/17/03	6001.82	ND	38.13		5963.69
MW-2	03/16/04	6001.82	ND	38.04		5963.78
MW-2	06/22/04	6001.82	ND	38.05		5963.77
MW-2	09/22/04	6001.82	ND	38.26		5963.56
MW-2	12/21/04	6001.82	ND	38.20		5963.62
MW-2	03/23/05	6001.82	ND	38.07		5963.75
MW-2	06/17/05	6001.82	ND	38.07		5963.75
MW-2	09/20/05	6001.82	ND	38.33		5963.49
MW-2	12/14/05	6001.82	ND	38.24		5963.58
MW-2	03/27/06	6001.82	ND	38.16		5963.66
MW-2	06/06/06	6001.82	ND	38.22		5963.60
MW-2	09/25/06	6001.82	ND	38.42		5963.40
MW-2	12/07/06	6001.82	ND	38.35		5963.47
MW-2	03/28/07	6001.82	ND	38.13		5963.69
MW-2	06/18/07	6001.82	ND	38.14		5963.68
MW-2	09/17/07	6001.82	ND	38.35		5963.47
MW-2	12/17/07	6001.82	ND	38.33		5963.49
MW-2	03/10/08	6001.82	ND	37.80		5964.02
MW-2	06/17/08	6001.82	ND	37.41		5964.41
MW-2	09/10/08	6001.82	ND	37.40		5964.42
MW-2	12/02/08	6001.82	ND	37.39		5964.43
MW-2	03/05/09	6001.82	ND	37.38		5964.44
MW-2	06/02/09	6001.82	ND	37.40		5964.42
MW-2	08/28/09	6001.82	ND	37.60		5964.22
MW-2	11/04/09	6001.82	ND	37.73		5964.09
MW-2	02/17/10	6001.82	ND	37.76		5964.06
MW-2	05/24/10	6001.82	ND	37.77		5964.05
MW-2	09/24/10	6001.82	ND	37.97		5963.85
MW-2	11/02/10	6001.82	ND	38.01		5963.81
MW-2	02/07/11	6001.82	ND	38.05		5963.77
MW-2	05/02/11	6001.82	ND	38.09		5963.73
MW-2	09/23/11	6001.82	38.23	38.25	0.02	5963.59
MW-2	11/01/11	6001.82	ND	38.26		5963.56
MW-2	02/21/12	6001.82	ND	38.31		5963.51
MW-2	05/14/12	6001.82	ND	38.36		5963.46
MW-2	06/09/13	6001.82	ND	38.56		5963.26
MW-2	09/09/13	6001.82	ND	38.68		5963.14
MW-2	12/12/13	6001.82	ND	38.67		5963.15
MW-2	04/02/14	6001.82	ND	38.63		5963.19
MW-2	10/23/14	6001.82	ND	38.79		5963.03

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	05/30/15	6001.82	ND	38.82		5963.00
MW-2	11/19/15	6001.82	ND	38.56		5963.26
MW-2	04/16/16	6001.82	ND	38.39		5963.43
MW-2	10/13/16	6001.82	ND	38.58		5963.24
MW-2	06/09/17	6001.82	ND	38.44		5963.38
MW-2	11/12/17	6001.82	ND	38.65		5963.17
MW-2	05/16/18	6001.82	ND	38.83		5962.99
MW-2	10/26/18	6001.82	ND	38.81		5963.01
MW-2	05/22/19	6001.82	ND	38.82		5963.00
MW-2	11/12/19	6001.82	ND	38.95		5962.87
MW-2	05/17/20	6001.82	ND	38.94		5962.88
MW-2	11/13/20	6001.82	ND	39.02		5962.80
MW-2	05/18/21	6001.82	ND	39.05		5962.77
MW-2	08/26/21	6001.82	ND	39.12		5962.70
MW-2	11/15/21	6001.82	ND	39.11		5962.71
MW-2	05/20/22	6001.82	ND	39.07		5962.75
MW-2	11/05/22	6001.82	ND	38.90		5962.92
MW-3	12/13/95	6001.21	NR	37.11		5964.10
MW-3	04/11/96	6001.21	NR	37.17		5964.04
MW-3	07/25/96	6001.21	NR	37.30		5963.91
MW-3	10/14/96	6001.21	NR	37.40		5963.81
MW-3	01/22/97	6001.21	NR	37.35		5963.86
MW-3	04/11/97	6001.21	NR	37.29		5963.92
MW-3	06/18/01	6001.21	NR	37.26		5963.95
MW-3	09/04/01	6001.21	NR	37.42		5963.79
MW-3	06/03/02	6001.21	NR	37.55		5963.66
MW-3	12/12/02	6001.21	NR	37.70		5963.51
MW-3	03/14/03	6001.21	ND	37.66		5963.55
MW-3	06/18/03	6001.21	37.63	37.87	0.24	5963.52
MW-3	09/16/03	6001.21	37.87	37.89	0.02	5963.34
MW-3	12/17/03	6001.21	ND	37.80		5963.41
MW-3	03/16/04	6001.21	37.72	37.85	0.13	5963.46
MW-3	06/22/04	6001.21	37.72	37.88	0.16	5963.45
MW-3	09/22/04	6001.21	37.96	38.07	0.11	5963.23
MW-3	12/21/04	6001.21	37.93	37.96	0.03	5963.28
MW-3	03/23/05	6001.21	37.80	37.88	0.08	5963.39
MW-3	06/17/05	6001.21	ND	37.92		5963.29
MW-3	09/20/05	6001.21	ND	38.16		5963.05
MW-3	12/14/05	6001.21	ND	38.09		5963.12
MW-3	03/25/06	6001.21	ND	38.09		5963.12
MW-3	03/27/06	6001.21	ND	37.88		5963.33
MW-3	06/06/06	6001.21	ND	37.98		5963.23
MW-3	09/25/06	6001.21	ND	38.16		5963.05
MW-3	12/07/06	6001.21	ND	38.06		5963.15
MW-3	03/28/07	6001.21	ND	37.87		5963.34
MW-3	06/18/07	6001.21	ND	37.86		5963.35
MW-3	09/17/07	6001.21	ND	38.10		5963.11

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	12/17/07	6001.21	ND	38.09		5963.12
MW-3	03/10/08	6001.21	ND	37.80		5963.41
MW-3	06/17/08	6001.21	ND	37.10		5964.11
MW-3	09/10/08	6001.21	ND	37.13		5964.08
MW-3	12/02/08	6001.21	ND	37.14		5964.07
MW-3	03/05/09	6001.21	ND	37.14		5964.07
MW-3	06/02/09	6001.21	ND	37.12		5964.09
MW-3	08/28/09	6001.21	ND	37.40		5963.81
MW-3	11/04/09	6001.21	ND	37.52		5963.69
MW-3	02/17/10	6001.21	ND	37.53		5963.68
MW-3	05/24/10	6001.21	ND	37.53		5963.68
MW-3	09/24/10	6001.21	ND	37.72		5963.49
MW-3	11/02/10	6001.21	ND	37.79		5963.42
MW-3	02/07/11	6001.21	ND	37.83		5963.38
MW-3	05/02/11	6001.21	ND	38.86		5962.35
MW-3	09/23/11	6001.21	ND	38.02		5963.19
MW-3	11/01/11	6001.21	ND	38.06		5963.15
MW-3	02/21/12	6001.21	ND	38.11		5963.10
MW-3	05/14/12	6001.21	ND	38.15		5963.06
MW-3	06/09/13	6001.21	ND	38.32		5962.89
MW-3	09/09/13	6001.21	ND	38.48		5962.73
MW-3	12/12/13	6001.21	ND	38.45		5962.76
MW-3	04/02/14	6001.21	ND	38.42		5962.79
MW-3	10/23/14	6001.21	ND	38.57		5962.64
MW-3	05/30/15	6001.21	ND	38.60		5962.61
MW-3	11/19/15	6001.21	ND	38.31		5962.90
MW-3	04/16/16	6001.21	ND	38.15		5963.06
MW-3	10/13/16	6001.21	ND	38.36		5962.85
MW-3	06/09/17	6001.21	ND	38.23		5962.98
MW-3	11/12/17	6001.21	ND	38.44		5962.77
MW-3	05/16/18	6001.21	ND	38.45		5962.76
MW-3	10/26/18	6001.21	ND	38.63		5962.58
MW-3	05/22/19	6001.21	ND	38.66		5962.55
MW-3	11/12/19	6001.21	ND	38.76		5962.45
MW-3	05/17/20	6001.21	ND	38.78		5962.43
MW-3	11/13/20	6001.21	ND	38.88		5962.33
MW-3	05/18/21	6001.21	ND	38.93		5962.28
MW-3	08/26/21	6001.21	ND	39.01		5962.20
MW-3	11/15/21	6001.21	ND	39.01		5962.20
MW-3	05/20/22	6001.21	ND	39.00		5962.21
MW-3	11/05/22	6001.21	ND	38.75		5962.46
MW-4	12/13/95	6001.26	NR	37.34		5963.92
MW-4	04/11/96	6001.26	NR	37.42		5963.84
MW-4	07/25/96	6001.26	NR	37.54		5963.72
MW-4	10/14/96	6001.26	NR	37.64		5963.62
MW-4	01/22/97	6001.26	NR	37.60		5963.66
MW-4	04/11/97	6001.26	NR	37.47		5963.79

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	10/09/00	6001.26	NR	37.56		5963.70
MW-4	06/18/01	6001.26	NR	37.53		5963.73
MW-4	09/04/01	6001.26	NR	37.66		5963.60
MW-4	06/03/02	6001.26	NR	37.80		5963.46
MW-4	09/10/02	6001.26	NR	37.95		5963.32
MW-4	12/12/02	6001.26	NR	38.95		5962.31
MW-4	03/14/03	6001.26	ND	37.91		5963.36
MW-4	06/18/03	6001.26	ND	37.95		5963.31
MW-4	09/16/03	6001.26	ND	38.17		5963.09
MW-4	12/17/03	6001.26	ND	38.06		5963.20
MW-4	03/16/04	6001.26	ND	38.00		5963.26
MW-4	06/22/04	6001.26	ND	38.04		5963.22
MW-4	09/22/04	6001.26	ND	38.27		5962.99
MW-4	12/21/04	6001.26	ND	38.23		5963.03
MW-4	03/23/05	6001.26	ND	38.11		5963.15
MW-4	06/17/05	6001.26	ND	38.08		5963.18
MW-4	09/20/05	6001.26	ND	38.35		5962.91
MW-4	12/14/05	6001.26	ND	38.24		5963.02
MW-4	03/27/06	6001.26	ND	38.16		5963.10
MW-4	06/06/06	6001.26	ND	38.24		5963.02
MW-4	09/25/06	6001.26	ND	38.45		5962.81
MW-4	12/07/06	6001.26	ND	38.34		5962.92
MW-4	03/28/07	6001.26	ND	38.16		5963.10
MW-4	06/18/07	6001.26	ND	38.14		5963.12
MW-4	09/17/07	6001.26	ND	38.37		5962.89
MW-4	12/17/07	6001.26	ND	38.36		5962.90
MW-4	03/10/08	6001.26	ND	38.05		5963.21
MW-4	06/17/08	6001.26	ND	37.35		5963.91
MW-4	09/10/08	6001.26	ND	37.43		5963.83
MW-4	12/02/08	6001.26	ND	37.40		5963.86
MW-4	03/05/09	6001.26	ND	37.40		5963.86
MW-4	06/02/09	6001.26	ND	37.43		5963.83
MW-4	08/28/09	6001.26	ND	37.64		5963.62
MW-4	11/04/09	6001.26	ND	37.76		5963.50
MW-4	02/17/10	6001.26	ND	37.80		5963.46
MW-4	05/24/10	6001.26	ND	37.80		5963.46
MW-4	09/24/10	6001.26	ND	38.03		5963.23
MW-4	11/02/10	6001.26	ND	38.05		5963.21
MW-4	02/07/11	6001.26	ND	38.08		5963.18
MW-4	05/02/11	6001.26	ND	38.15		5963.11
MW-4	09/23/11	6001.26	ND	38.30		5962.96
MW-4	11/01/11	6001.26	ND	38.32		5962.94
MW-4	02/21/12	6001.26	ND	38.37		5962.89
MW-4	05/14/12	6001.26	ND	38.40		5962.86
MW-4	06/09/13	6001.26	ND	38.62		5962.64
MW-4	09/09/13	6001.26	ND	38.79		5962.47
MW-4	12/12/13	6001.26	ND	38.77		5962.49
MW-4	04/02/14	6001.26	ND	38.74		5962.52

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	10/23/14	6001.26	ND	38.94		5962.32
MW-4	05/30/15	6001.26	ND	38.61		5962.65
MW-4	11/19/15	6001.26	ND	38.62		5962.64
MW-4	04/16/16	6001.26	ND	38.46		5962.80
MW-4	10/13/16	6001.26	ND	38.67		5962.59
MW-4	06/09/17	6001.26	ND	38.52		5962.74
MW-4	11/12/17	6001.26	ND	38.75		5962.51
MW-4	05/16/18	6001.26	ND	38.77		5962.49
MW-4	10/26/18	6001.26	ND	39.01		5962.25
MW-4	05/22/19	6001.26	ND	39.06		5962.20
MW-4	11/12/19	6001.26	ND	39.20		5962.06
MW-4	05/17/20	6001.26	ND	39.25		5962.01
MW-4	11/13/20	6001.26	ND	39.43		5961.83
MW-4	05/18/21	6001.26	ND	39.52		5961.74
MW-4	08/26/21	6001.26	ND	39.63		5961.63
MW-4	11/15/21	6001.26	ND	39.65		5961.61
MW-4	05/20/22	6001.26	ND	39.66		5961.60
MW-4	11/05/22	6001.26	ND	39.30		5961.96
MW-5	08/30/00	6001.96	NR	38.11		5963.85
MW-5	06/18/01	6001.96	NR	38.13		5963.83
MW-5	09/04/01	6001.96	NR	38.33		5963.63
MW-5	06/04/02	6001.96	NR	38.51		5963.45
MW-5	09/10/02	6001.96	NR	39.13		5962.84
MW-5	12/12/02	6001.96	NR	38.83		5963.13
MW-5	03/14/03	6001.96	ND	38.70		5963.26
MW-5	06/18/03	6001.96	ND	38.85		5963.11
MW-5	09/16/03	6001.96	ND	38.88		5963.08
MW-5	12/17/03	6001.96	ND	38.75		5963.21
MW-5	03/16/04	6001.96	ND	38.72		5963.24
MW-5	06/22/04	6001.96	ND	38.74		5963.22
MW-5	09/22/04	6001.96	ND	38.74		5963.22
MW-5	12/21/04	6001.96	ND	38.93		5963.03
MW-5	03/23/05	6001.96	ND	38.72		5963.24
MW-5	06/17/05	6001.96	ND	38.72		5963.24
MW-5	09/20/05	6001.96	ND	39.06		5962.90
MW-5	12/14/05	6001.96	ND	38.94		5963.02
MW-5	03/27/06	6001.96	ND	38.86		5963.10
MW-5	06/06/06	6001.96	ND	38.97		5962.99
MW-5	09/25/06	6001.96	ND	37.20		5964.76
MW-5	12/07/06	6001.96	ND	39.07		5962.89
MW-5	03/28/07	6001.96	ND	38.83		5963.13
MW-5	06/18/07	6001.96	ND	38.84		5963.12
MW-5	09/17/07	6001.96	ND	39.09		5962.87
MW-5	12/17/07	6001.96	ND	39.04		5962.92
MW-5	03/10/08	6001.96	ND	38.48		5963.48
MW-5	06/17/08	6001.96	ND	37.83		5964.13
MW-5	09/10/08	6001.96	ND	37.91		5964.05

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	12/02/08	6001.96	ND	37.95		5964.01
MW-5	03/05/09	6001.96	ND	37.93		5964.03
MW-5	06/02/09	6001.96	ND	37.95		5964.01
MW-5	08/28/09	6001.96	ND	38.19		5963.77
MW-5	11/04/09	6001.96	ND	38.32		5963.64
MW-5	02/17/10	6001.96	ND	38.38		5963.58
MW-5	05/24/10	6001.96	ND	38.35		5963.61
MW-5	09/24/10	6001.96	ND	38.61		5963.35
MW-5	11/02/10	6001.96	ND	38.66		5963.30
MW-5	02/07/11	6001.96	ND	38.74		5963.22
MW-5	05/02/11	6001.96	ND	38.81		5963.15
MW-5	09/23/11	6001.96	ND	38.99		5962.97
MW-5	11/01/11	6001.96	ND	39.09		5962.87
MW-5	02/21/12	6001.96	ND	39.09		5962.87
MW-5	05/14/12	6001.96	ND	39.16		5962.80
MW-5	06/09/13	6001.96	ND	39.38		5962.58
MW-5	09/09/13	6001.96	ND	39.56		5962.40
MW-5	12/12/13	6001.96	ND	39.55		5962.41
MW-5	04/02/14	6001.96	ND	39.52		5962.44
MW-5	10/23/14	6001.96	ND	39.71		5962.25
MW-5	05/30/15	6001.96	ND	39.73		5962.23
MW-5	11/19/15	6001.96	ND	39.33		5962.63
MW-5	04/16/16	6001.96	ND	39.19		5962.77
MW-5	10/13/16	6001.96	ND	39.34		5962.62
MW-5	06/09/17	6001.96	ND	39.27		5962.69
MW-5	11/12/17	6001.96	ND	39.52		5962.44
MW-5	05/16/18	6001.96	ND	39.50		5962.46
MW-5	10/26/18	6001.96	ND	39.79		5962.17
MW-5	05/22/19	6001.96	ND	39.83		5962.13
MW-5	11/12/19	6001.96	ND	39.97		5961.99
MW-5	05/17/20	6001.96	ND	40.02		5961.94
MW-5	11/13/20	6001.96	ND	40.18		5961.78
MW-5	05/18/21	6001.96	ND	40.25		5961.71
MW-5	08/26/21	6001.96	ND	40.30		5961.66
MW-5	11/15/21	6001.96	ND	40.33		5961.63
MW-5	05/20/22	6001.96	ND	40.34		5961.62
MW-5	11/05/22	6001.96	ND	39.95		5962.01
MW-6	12/07/06	6001.33	ND	39.62		5961.71
MW-6	03/28/07	6001.33	ND	39.43		5961.90
MW-6	06/18/07	6001.33	ND	39.43		5961.90
MW-6	09/17/07	6001.33	ND	39.43		5961.90
MW-6	12/17/07	6001.33	ND	38.65		5962.68
MW-6	03/10/08	6001.33	ND	39.21		5962.12
MW-6	03/05/09	6001.33	ND	37.61		5963.72
MW-6	06/02/09	6001.33	ND	37.46		5963.87
MW-6	08/28/09	6001.33	ND	37.89		5963.44
MW-6	11/04/09	6001.33	ND	38.03		5963.30

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	05/24/10	6001.33	ND	38.07		5963.26
MW-6	09/24/10	6001.33	ND	38.30		5963.03
MW-6	11/02/10	6001.33	ND	38.36		5962.97
MW-6	02/07/11	6001.33	ND	38.39		5962.94
MW-6	05/02/11	6001.33	ND	36.42		5964.91
MW-6	09/23/11	6001.33	ND	38.65		5962.68
MW-6	11/01/11	6001.33	ND	38.70		5962.63
MW-6	02/21/12	6001.33	ND	38.75		5962.58
MW-6	05/14/12	6001.33	ND	38.79		5962.54
MW-6	06/09/13	6001.33	ND	39.08		5962.25
MW-6	09/09/13	6001.33	ND	39.28		5962.05
MW-6	12/12/13	6001.33	ND	39.26		5962.07
MW-6	10/23/14	6001.33	ND	39.43		5961.90
MW-6	04/02/14	6001.33	ND	39.24		5962.09
MW-6	05/30/15	6001.33	ND	39.45		5961.88
MW-6	11/19/15	6001.33	ND	39.02		5962.31
MW-6	04/16/16	6001.33	ND	38.92		5962.41
MW-6	10/13/16	6001.33	ND	39.00		5962.33
MW-6	06/09/17	6001.33	ND	39.16		5962.17
MW-6	11/12/17	6001.33	ND	39.23		5962.10
MW-6	05/16/18	6001.33	ND	39.26		5962.07
MW-6	10/26/18	6001.33	ND	39.53		5961.80
MW-6	05/22/19	6001.33	ND	39.58		5961.75
MW-6	11/12/19	6001.33	ND	39.73		5961.60
MW-6	05/17/20	6001.33	ND	39.78		5961.55
MW-6	11/13/20	6001.33	ND	39.96		5961.37
MW-6	05/18/21	6001.33	ND	40.04		5961.29
MW-6	08/26/21	6001.33	ND	40.10		5961.23
MW-6	11/15/21	6001.33	ND	40.14		5961.19
MW-6	03/23/22	6001.33	ND	39.25		5962.08
MW-6	05/20/22	6001.33	ND	40.14		5961.19
MW-6	11/05/22	6001.33	ND	39.70		5961.63
MW-7	11/19/15	6001.26	ND	37.80		5963.46
MW-7	04/16/16	6001.26	ND	37.63		5963.63
MW-7	10/13/16	6001.26	ND	37.83		5963.43
MW-7	06/09/17	6001.26	ND	37.69		5963.57
MW-7	11/12/17	6001.26	ND	37.90		5963.36
MW-7	05/16/18	6001.26	ND	37.88		5963.38
MW-7	10/26/18	6001.26	ND	38.07		5963.19
MW-7	05/22/19	6001.26	ND	38.08		5963.18
MW-7	11/12/19	6001.26	ND	38.17		5963.09
MW-7	05/17/20	6001.26	ND	38.22		5963.04
MW-7	11/13/20	6001.26	ND	38.29		5962.97
MW-7	05/18/21	6001.26	ND	38.34		5962.92
MW-7	08/26/21	6001.26	ND	38.40		5962.86
MW-7	11/15/21	6001.26	ND	38.42		5962.84

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-7	05/20/22	6001.26	ND	38.38		5962.88
MW-7	11/05/22	6001.26	ND	38.20		5963.06
MW-8	11/19/15	6001.06	ND	37.71		5963.35
MW-8	04/16/16	6001.06	ND	37.55		5963.51
MW-8	10/13/16	6001.06	ND	37.81		5963.25
MW-8	06/09/17	6001.06	ND	37.63		5963.43
MW-8	11/12/17	6001.06	ND	37.89		5963.17
MW-8	05/16/18	6001.06	ND	37.88		5963.18
MW-8	10/26/18	6001.06	ND	38.11		5962.95
MW-8	05/22/19	6001.06	ND	38.13		5962.93
MW-8	11/12/19	6001.06	ND	38.25		5962.81
MW-8	05/17/20	6001.06	ND	38.29		5962.77
MW-8	11/13/20	6001.06	ND	38.41		5962.65
MW-8	05/18/21	6001.06	ND	38.49		5962.57
MW-8	08/26/21	6001.06	ND	38.56		5962.50
MW-8	11/15/21	6001.06	ND	38.56		5962.50
MW-8	05/20/22	6001.06	ND	38.56		5962.50
MW-8	11/05/22	6001.06	ND	38.23		5962.83
MW-9	11/19/15	6001.39	ND	38.35		5963.04
MW-9	04/16/16	6001.39	ND	38.20		5963.19
MW-9	10/13/16	6001.39	ND	38.46		5962.93
MW-9	06/09/17	6001.39	ND	38.29		5963.10
MW-9	11/12/17	6001.39	ND	38.54		5962.85
MW-9	05/16/18	6001.39	ND	38.50		5962.89
MW-9	10/26/18	6001.39	ND	38.77		5962.62
MW-9	05/22/19	6001.39	ND	38.81		5962.58
MW-9	11/12/19	6001.39	ND	38.96		5962.43
MW-9	05/17/20	6001.39	ND	38.97		5962.42
MW-9	11/13/20	6001.39	ND	39.11		5962.28
MW-9	05/18/21	6001.39	ND	39.16		5962.23
MW-9	08/26/21	6001.39	ND	39.23		5962.16
MW-9	11/15/21	6001.39	ND	39.24		5962.15
MW-9	05/20/22	6001.39	ND	39.23		5962.16
MW-9	11/05/22	6001.39	ND	38.88		5962.51
MW-10	11/12/19	6001.39	ND	39.01		5962.38
MW-10	05/17/20	6001.39	ND	39.04		5962.35
MW-10	11/13/20	6001.39	ND	39.20		5962.19
MW-10	05/18/21	6001.39	ND	39.29		5962.10
MW-10	08/26/21	6001.39	ND	39.39		5962.00
MW-10	11/15/21	6001.39	ND	39.42		5961.97

TABLE 3 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-10	05/20/22	6001.39	ND	39.33		5962.06
MW-10	11/05/22	6001.39	ND	38.97		5962.42
MW-11	11/12/19	5999.84	ND	36.42		5963.42
MW-11	05/17/20	5999.84	ND	36.41		5963.43
MW-11	11/13/20	5999.84	ND	36.45		5963.39
MW-11	05/18/21	5999.84	ND	36.49		5963.35
MW-11	08/26/21	5999.84	ND	36.60		5963.24
MW-11	11/15/21	5999.84	ND	36.57		5963.27
MW-11	05/20/22	5999.84	ND	36.45		5963.39
MW-11	11/05/22	5999.84	ND	36.36		5963.48

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

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

FIGURES

FIGURE 1: SITE LOCATION

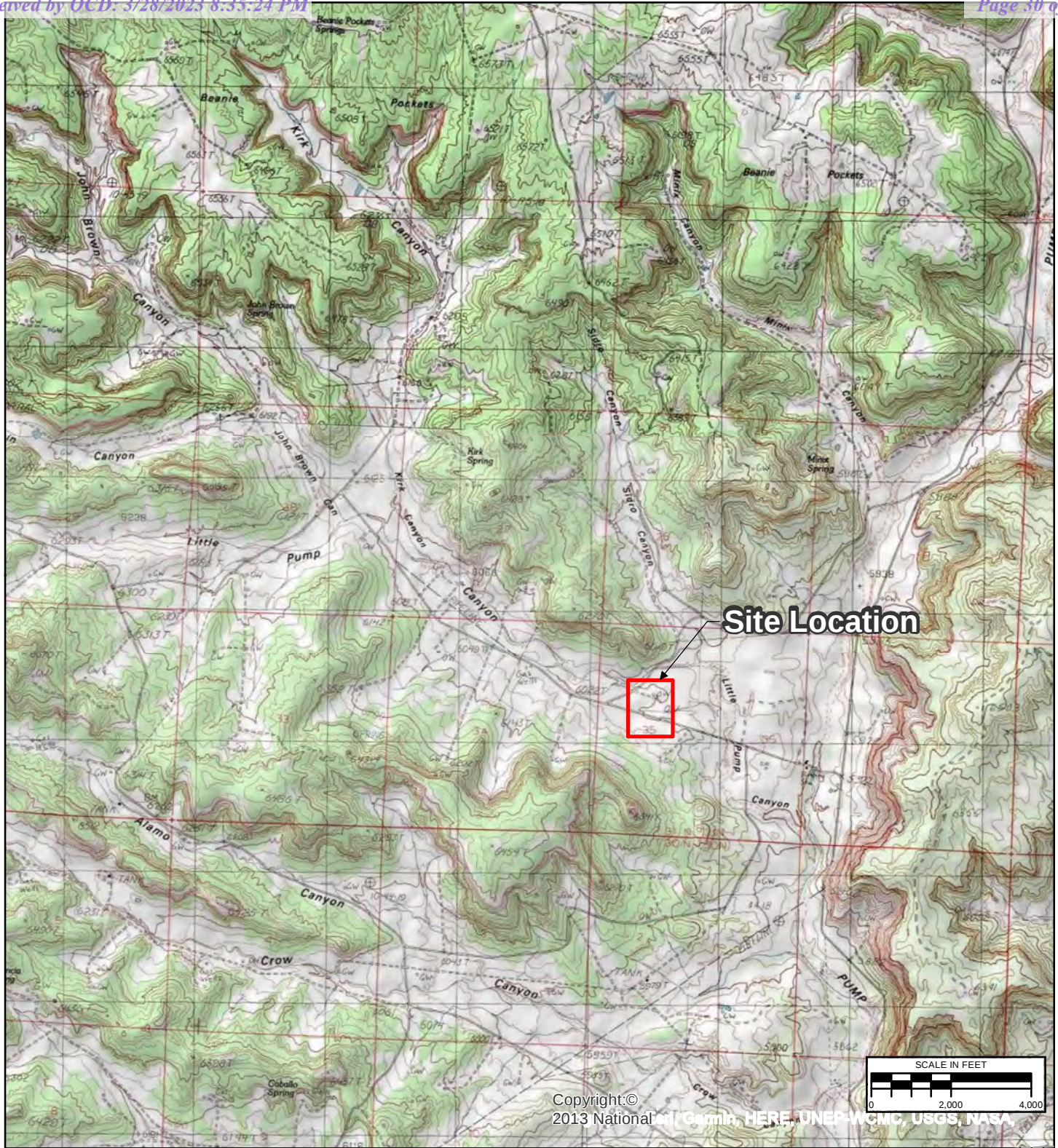
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS MAY 20, 2022

FIGURE 4: GROUNDWATER ELEVATION MAP MAY 20, 2022

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS NOVEMBER 5, 2022

FIGURE 6: GROUNDWATER ELEVATION MAP NOVEMBER 5, 2022



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

TITLE SITE LOCATION		 Stantec
PROJECT JOHNSTON FEDERAL #6A SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO	FIGURE 1	

\\cd1001-c200\CTX-CIF\$S\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_SITEMAP_2022.mxd

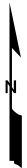


AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- RIGHT OF WAY BOUNDARY
- ACCESS ROAD
- FENCE
- OVERHEAD POWER LINE
- NATURAL GAS LINE
- MONITORING WELL
- SOIL BORING
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:
UTILITY LOCATIONS ARE APPROXIMATE.



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

TITLE:
SITE PLAN

PROJECT: **JOHNSTON FEDERAL #6A**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO



Figure No.:

2

\\cd1001-c200\CTX-CIF\$IVDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_GARM_1SA_2022.mxd



LEGEND:

- 6002 APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- X- FENCE
- O.V.H.D.- OVERHEAD POWER LINE
- GAS- NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

DUP = FIELD DUPLICATE SAMPLE

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

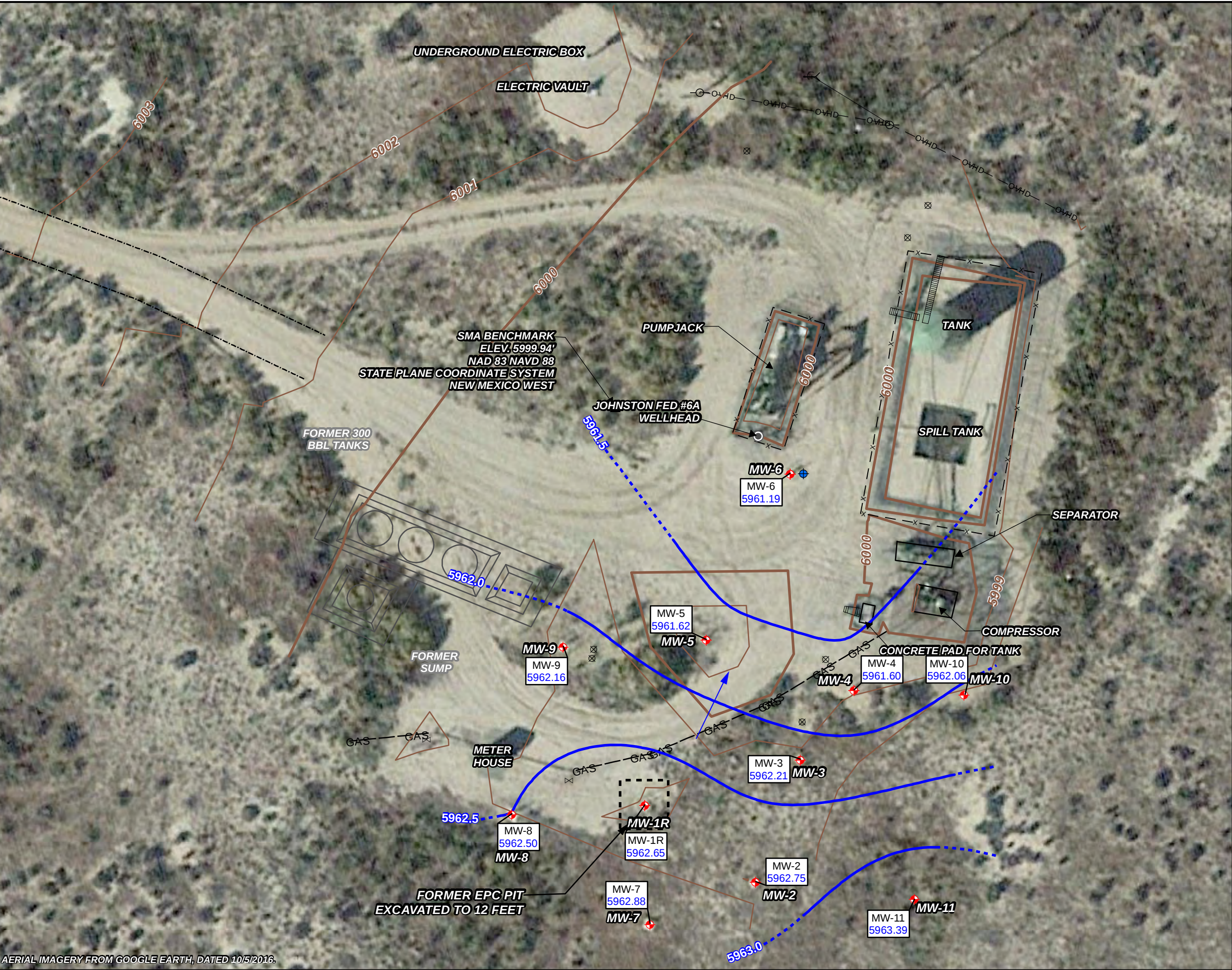
RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.

NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
< = BELOW REPORTING LIMIT

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

AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

\\cd1001-c200\CTX-CIF\$IVDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_GECM_1SA_2022.mxd



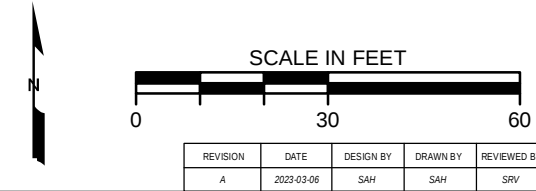
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- 6002 APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- X- FENCE
- O-V-H-D- OVERHEAD POWER LINE
- G-A-S- NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

- GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- 5962.16
- 5962.5 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).
- DIRECTION OF APPARENT GROUNDWATER FLOW



TITLE: **GROUNDWATER ELEVATION MAP
MAY 20, 2022**

PROJECT: **JOHNSTON FEDERAL #6A
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.: **4**

\\cd1001-c200\CTX-CIF\$IVDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_GARM_2SA_2022.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- 6002 APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- X- FENCE
- O-V-H-D- OVERHEAD POWER LINE
- G-A-S- NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

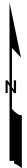
DUP = FIELD DUPLICATE SAMPLE

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.

NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
< = BELOW REPORTING LIMIT

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



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

TITLE:

**GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 5, 2022**

PROJECT:

**JOHNSTON FEDERAL #6A
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

5

\\cd1001-c200\CTX-CIF\$IVDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_GECM_2SA_2022.mxd



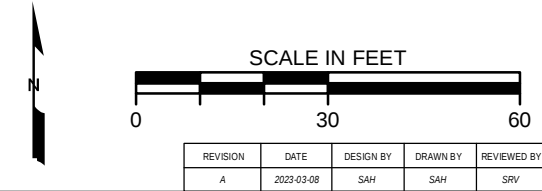
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVERHEAD POWER LINE
- NATURAL GAS LINE
- MONITORING WELL
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

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



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2023-03-08	SAH	SAH	SRV

TITLE:
**GROUNDWATER ELEVATION MAP
NOVEMBER 5, 2022**

PROJECT: **JOHNSTON FEDERAL #6A
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:
6

APPENDICES

APPENDIX A – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX B – BORING LOG AND WELL DIAGRAM

APPENDIX C – WASTEWATER DISPOSAL DOCUMENTATION

APPENDIX D – SOIL DISPOSAL DOCUMENTATION

APPENDIX E – GROUNDWATER SAMPLING ANALYTICAL REPORTS

APPENDIX A

From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming product recovery activities
Date: 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: Johnston Federal #6A (Incident Number nAUTOfAB000309) - Notice of upcoming sampling activities
Date: Monday, April 11, 2022 6:28:35 AM

Hi Nelson –

This correspondence is to provide notice to the NMOCD of planned monitoring well replacement activities at the above-referenced El Paso site. The well replacement activities are to begin on April 20, 2022, and will be completed by the end of the week. A work plan for these activities was submitted in the e-permitting portal.

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

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
Note – we have moved!
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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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: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Monday, July 18, 2022 3:30:01 PM

Hi Nelson -

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	7/30/2022
Fields A#7A	nAUTOfAB000176	8/01/2022
Fogelson 4-1	nAUTOfAB000192	8/01/2022
Gallegos Canyon Unit #124E	nAUTOfAB000205	7/30/2022
Johnston Fed #4	nAUTOfAB000305	7/29/2022
Johnston Fed #6A	nAUTOfAB000309	7/29/2022
K27 LDO72	nAUTOfAB000316	7/30/2022
Knight #1	nAUTOfAB000324	8/01/2022
State Gas Com N #1	nAUTOfAB000668	8/01/2022

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: 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
Office: (515) 253-0830
steve.varsa@stantec.com

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APPENDIX B



Drilling Log

Monitoring Well **MW-1R**

Page: 1 of 2

Project Johnston Federal #6A Owner El Paso GCP Company, LLC
 Location San Juan County, New Mexico Project Number 193708845
 Surface Elev. 5996.63 ft North 2131135.698 East 2746330.333
 Top of Casing 5999.23 ft Water Level Initial 5959.93 04/21/22 08:45 Static 5959.98 04/21/22 17:45
 Hole Depth 51.0 ft Screen: Diameter 4 in Length 20.0 ft Type/Size PVC/0.01 in
 Hole Diameter 11.0 in Casing: Diameter 4 in Length 33.1 ft Type PVC
 Drill Co. Cascade Drilling Drilling Method Hollow-Stem Auger Sand Pack 20/40 Sand
 Driller Brendon Remillard Driller Reg. # WD 1664 Log By Rob Malcomson
 Start Date 4/21/2022 Completion Date 4/21/2022 Checked By S. Varsa

COMMENTS
Formerly MW-1.

Bentonite Chips Bentonite Granules Grout Bentonite Pellets Sand Pack PP Sand Pack

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion	Elevation (ft)
0								5996.63
5								5995
10								5990
15								5985
20								5980
25								5975
30								5970

Continued Next Page

Drilling Log JOHNSTON FED 6A LOGS.GPJ MWH IA.GDT 12/12/22



Drilling Log

Monitoring Well

MW-1R

Page: 2 of 2

Project Johnston Federal #6A Owner El Paso GCP Company, LLC
 Location San Juan County, New Mexico Project Number 193708845

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion	Elevation (ft)
30						Continued		
35								5965
38								5960
40								5955
45								5950
50						MW-1 bottom of boring was 48' and the well was set at 47' with a 15' screen. MW-1 was overdrilled/deepened to 51' and MW-1R was set at 50.5' with a 20' screen.		5945
55								5940
60								5935
65								5930
70								

Drilling Log JOHNSTON FED 6A LOGS.GPJ MWH IA.GDT 12/12/22



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO. MW-1R		OSE FILE NO(S). SJ-4173					
	WELL OWNER NAME(S) El Paso CGP Company, LLC				PHONE (OPTIONAL) 713-420-3475					
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street Room 1445B				CITY Houston					
					STATE TX					
					ZIP 77002					
WELL LOCATION (FROM GPS)	DEGREES LATITUDE 36		MINUTES 51		SECONDS 23.76		N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
	LONGITUDE -107		45		14.04				W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE, NE, Section 35, Township 31N, Range 9W San Juan County, NM										
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling			
	DRILLING STARTED 4/21/22		DRILLING ENDED 4/21/22		DEPTH OF COMPLETED WELL (FT) 50		BORE HOLE DEPTH (FT) 50.5			
	COMPLETED WELL IS:		☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				DEPTH WATER FIRST ENCOUNTERED (FT) 39.5			
	DRILLING FLUID:		☐ AIR ☐ MUD ADDITIVES - SPECIFY:				STATIC WATER LEVEL IN COMPLETED WELL (FT) 39.5			
	DRILLING METHOD:		☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: HSA							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE (add coupling diameter)			
	FROM	TO					CASING INSIDE DIAM. (inches)			
							CASING WALL THICKNESS (inches)			
							SLOT SIZE (inches)			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)		METHOD OF PLACEMENT	
	FROM	TO								
	0	1.5	8		Concrete		2.5		Pour	
	1.5	25	8		Cement/Bentonite Grout		12		Tremie Pumped	
	25	28	8		3/8" Chips		1.5		Pour	
	28	50.5	8		20/40 Sand		15		Pour	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	50.5	50.5	Silty Sands - Over drill	✓ Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm):		
	☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:				0.00		

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Brendon Remillard		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Shawn Cain DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	

APPENDIX C

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-832-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE 3-23-22GENERATOR: El Paso CorpHAULING CO: Stan TechORDERED BY: Joe W.WASTE DESCRIPTION: ☒ Exempt Oilfield Waste☐ Produced Water☐ Drilling/Completion FluidsSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Johnston Fed #4	1	70			70	
2		Johnston Fed #6A						
3		Lat L 70						
4								
5								

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☐ DeniedATTENDANT SIGNATURE [Signature]

SAN JUAN PRINTING 2020 1973-1

824194

NO.

NMOC D PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DEL. TKT#.

BILL TO:

DRIVER:

(Print Full Name)

CODES:



envirotech

Bill of Lading

MANIFEST # **72535**
 GENERATOR **EL PASO**
 POINT OF ORIGIN **Johnston Federal**
 TRANSPORTER **Riley** #64
 DATE **04-21-2009** JOB # **14073-0049**

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	BF2 B-F	Cont Soil Washout	A38	50	2	-	-	16013	1135	
					5	-	-	16013	1135	
					7					

SCANNED

RESULTS			LANDFARM EMPLOYEE 	NOTES
K281	CHLORIDE TEST	1		
	CHLORIDE TEST			
	CHLORIDE TEST			
☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out				
By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. 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.				
PASS	PAINT FILTER TEST	1		

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy



envirotech

Bill of Lading

MANIFEST # 73058

GENERATOR EL PasoPOINT OF ORIGIN Rio Vista Camp StationTRANSPORTER EnvirotechDATE 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	B+	liquid			3. 3			938	1445	<i>[Signature]</i>
					14073-0060	1 Drum	San Juan River Plant			
						1 Drum	Blanco North Flare			
					14073-0060	1 Drum	NM GW pits (15 sites)			
RESULTS			LANDFARM EMPLOYEE		<i>Cory Robinson</i> <i>[Signature]</i> ☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out 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.		NOTES			
315	CHLORIDE TEST	1	SCANNED							
	CHLORIDE TEST									
	CHLORIDE TEST									
pass	PAINT FILTER TEST	1								

Generator Onsite Contact _____

Phone _____

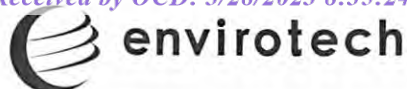
Signatures required prior to distribution of the legal document.

DISTRIBUTION:

White - Company Records / Billing

Yellow - Customer

Pink - LF Copy



SPECIAL WASTE MANIFEST		Manifest Document No. SW - 01140	Page 1 of
Generator's Name EIPASO CGP		Generator's Address 1001 Louisiana St. Houston, Tx 77002	Generator's Telephone No.
Origin of Special Waste (Project or Spill Location): CANADA MESA #2, Miles Fed #1A, Knight #1 Fields A #7A, Fogelson 4-1 GCU #124E, State Gas com #1, Johnston Fed #4, Johnston Fed #6A			
Transporter #1 Company Name Envirotech	Address 5796 US Hwy 64 Farmington, NM 87401	Telephone No. 505-632-0615	
Transporter #2 Company Name	Address	Telephone No.	
Destination Facility Name/Site Address Envirotech LF #2 43 ROAD 7175 Bloomfield NM 87413	Facility ID (Permit) Number NM01-0011	Telephone No. 505-632-0615	
Type and Proper Name of Special Waste		Container(s) No. Type	Total Quantity
Petroleum Contaminated liquid		1 B	35 100
			Unit Wt/Vol gal
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: Greg Crabtree AS Agent		Signature: 	Date: 8/3/22
TRANSPORTER Transporter 1 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Colton John			
		Signature: 	Date: 8/3/22
Transporter 2 Acknowledgement of Receipt of Special Waste Printed/Typed Name:			
		Signature:	Date:
Discrepancy Indication Space:			
FACILITY 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: Cary Robinson		Signature: 	Date: 08.03.22

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

[illegible]

Generator Onsite Contact	Phone
---------------------------------	--------------

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy



BOL# 76385

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11-7-22 TIME 8:45 AM Attach test strip here

CUSTOMER Kinder Morgan

SITE Pit Site

DRIVER A. Musso

SAMPLE Soil Straight ☒ With Dirt ☐

CHLORIDE TEST -291 mg/Kg

ACCEPTED YES ☒ NO ☐

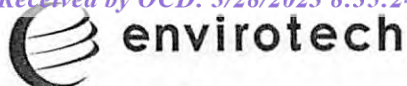
PAINT FILTER TEST Time started 8:47 Time completed

PASS YES ☐ NO ☐

SAMPLER/ANALYST GR



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



SPECIAL WASTE MANIFEST		Manifest Document No. SW - 01154		Page 1 of	
Generator's Name KINDER MORGAN		Generator's Address STREET, ROOM 9561, 1001 LOUISIANA BLVD, HOUSTON, TX		Generator's Telephone No. 505-713-420-3475	
Origin of Special Waste (Project or Spill Location): STJB PIT + PLANT SITES					
Transporter #1 Company Name ENVIROTECH		Address 5796 US HWY 64, FARMINGTON, NM		Telephone No. 505-632-0615	
Transporter #2 Company Name		Address		Telephone No.	
Destination Facility Name/Site Address ENVIROTECH LANDFARM 2		Facility ID (Permit) Number NM01-0011		Telephone No. 505-632-0615	
GENERATOR	Type and Proper Name of Special Waste			Container(s) No.	Total Quantity
	WATER AND DRIP			1	4
				L	70 GAL
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: Sean R Clary		Signature: <i>[Signature]</i>		Date: 11/7/2022	
Transporter 1 Acknowledgement of Receipt of Special Waste					
Printed/Typed Name: ANDREW MUSSO		Signature: <i>[Signature]</i>		Date: 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: Gary Robinson		Signature: <i>[Signature]</i>		Date: 11-07-22	

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, Room 1445B, Houston, TX 77002		Billing code for invoice:
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 _____ 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, <u>Joseph Wiley</u> , representative or authorized agent for <u>El Paso CGP Company, LLC</u> 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, <u>Joseph Wiley</u> , representative for <u>El Paso CGP Company, LLC</u> 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 D

**envirotech**

Bill of Lading

MANIFEST # 72535
GENERATOR EL PASO
POINT OF ORIGIN Johnston. Federal.
TRANSPORTER Riley # 64
DATE 04-21-23 JOB # 14073-0649

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

[illegible]

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy



envirotech

Bill of Lading

MANIFEST # 72594

MANIFEST # 12594
GENERATOR EL PASo (Kendor ^{morgan})

POINT OF ORIGIN Johnston Fed 6A

TRANSPORTER Envirotech

DATE 04-25-22 JOB # 14073-0060

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

[illegible]

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

APPENDIX E



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-220401-1
Client Project/Site: Johnston Fed #6A

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

Attn: Steve Varsa

Authorized for release by:
6/8/2022 8:58:46 AM
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

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Laboratory Job ID: 400-220401-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Job ID: 400-220401-1

Laboratory: Eurofins Pensacola**Narrative**

**Job Narrative
400-220401-1****Comments**

No additional comments.

Receipt

The samples were received on 5/24/2022 9:02 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 0.0° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (400-220401-2). 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: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-220401-1

☐ No Detections.

Client Sample ID: MW-1

Lab Sample ID: 400-220401-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.6		2.0	ug/L	2		8260C	Total/NA
Toluene	66		2.0	ug/L	2		8260C	Total/NA
Ethylbenzene	98		2.0	ug/L	2		8260C	Total/NA
Xylenes, Total	570		20	ug/L	2		8260C	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 400-220401-3

☐ No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-220401-4

☐ No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-220401-5

☐ No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-220401-6

☐ No Detections.

Client Sample ID: MW-8

Lab Sample ID: 400-220401-7

☐ No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-220401-8

☐ No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-220401-9

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-220401-1	TRIP BLANK	Water	05/20/22 17:30	05/24/22 09:02
400-220401-2	MW-1	Water	05/20/22 18:25	05/24/22 09:02
400-220401-3	MW-3	Water	05/20/22 17:50	05/24/22 09:02
400-220401-4	MW-4	Water	05/20/22 17:55	05/24/22 09:02
400-220401-5	MW-5	Water	05/20/22 18:00	05/24/22 09:02
400-220401-6	MW-7	Water	05/20/22 18:10	05/24/22 09:02
400-220401-7	MW-8	Water	05/20/22 18:15	05/24/22 09:02
400-220401-8	MW-9	Water	05/20/22 18:20	05/24/22 09:02
400-220401-9	DUP-01	Water	05/20/22 18:55	05/24/22 09:02

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-220401-1

Date Collected: 05/20/22 17:30

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 11:17	1
Toluene	<1.0		1.0	ug/L			06/03/22 11:17	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 11:17	1
Xylenes, Total	<10		10	ug/L			06/03/22 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119		06/03/22 11:17	1
Dibromofluoromethane	110		75 - 126		06/03/22 11:17	1
Toluene-d8 (Surr)	96		64 - 132		06/03/22 11:17	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-1

Lab Sample ID: 400-220401-2

Date Collected: 05/20/22 18:25

Matrix: Water

Date Received: 05/24/22 09:02

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.6		2.0	ug/L			06/03/22 13:03	2
Toluene	66		2.0	ug/L			06/03/22 13:03	2
Ethylbenzene	98		2.0	ug/L			06/03/22 13:03	2
Xylenes, Total	570		20	ug/L			06/03/22 13:03	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119		06/03/22 13:03	2
Dibromofluoromethane	102		75 - 126		06/03/22 13:03	2
Toluene-d8 (Surr)	101		64 - 132		06/03/22 13:03	2

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-3

Lab Sample ID: 400-220401-3

Date Collected: 05/20/22 17:50

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 12:36	1
Toluene	<1.0		1.0	ug/L			06/03/22 12:36	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 12:36	1
Xylenes, Total	<10		10	ug/L			06/03/22 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119		06/03/22 12:36	1
Dibromofluoromethane	102		75 - 126		06/03/22 12:36	1
Toluene-d8 (Surr)	97		64 - 132		06/03/22 12:36	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-4

Lab Sample ID: 400-220401-4

Date Collected: 05/20/22 17:55

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 14:07	1
Toluene	<1.0		1.0	ug/L			06/03/22 14:07	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 14:07	1
Xylenes, Total	<10		10	ug/L			06/03/22 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		06/03/22 14:07	1
Dibromofluoromethane	97		75 - 126		06/03/22 14:07	1
Toluene-d8 (Surr)	92		64 - 132		06/03/22 14:07	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-5

Lab Sample ID: 400-220401-5

Date Collected: 05/20/22 18:00

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 14:36	1
Toluene	<1.0		1.0	ug/L			06/03/22 14:36	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 14:36	1
Xylenes, Total	<10		10	ug/L			06/03/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		06/03/22 14:36	1
Dibromofluoromethane	96		75 - 126		06/03/22 14:36	1
Toluene-d8 (Surr)	91		64 - 132		06/03/22 14:36	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-7

Lab Sample ID: 400-220401-6

Date Collected: 05/20/22 18:10

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 15:06	1
Toluene	<1.0		1.0	ug/L			06/03/22 15:06	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 15:06	1
Xylenes, Total	<10		10	ug/L			06/03/22 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		06/03/22 15:06	1
Dibromofluoromethane	97		75 - 126		06/03/22 15:06	1
Toluene-d8 (Surr)	93		64 - 132		06/03/22 15:06	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-8

Lab Sample ID: 400-220401-7

Date Collected: 05/20/22 18:15

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 15:35	1
Toluene	<1.0		1.0	ug/L			06/03/22 15:35	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 15:35	1
Xylenes, Total	<10		10	ug/L			06/03/22 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		06/03/22 15:35	1
Dibromofluoromethane	97		75 - 126		06/03/22 15:35	1
Toluene-d8 (Surr)	93		64 - 132		06/03/22 15:35	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-9

Lab Sample ID: 400-220401-8

Date Collected: 05/20/22 18:20

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 16:04	1
Toluene	<1.0		1.0	ug/L			06/03/22 16:04	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 16:04	1
Xylenes, Total	<10		10	ug/L			06/03/22 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		06/03/22 16:04	1
Dibromofluoromethane	97		75 - 126		06/03/22 16:04	1
Toluene-d8 (Surr)	91		64 - 132		06/03/22 16:04	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: DUP-01

Lab Sample ID: 400-220401-9

Date Collected: 05/20/22 18:55

Matrix: Water

Date Received: 05/24/22 09:02

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			06/03/22 16:33	1
Toluene	<1.0		1.0	ug/L			06/03/22 16:33	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 16:33	1
Xylenes, Total	<10		10	ug/L			06/03/22 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		72 - 119		06/03/22 16:33	1
Dibromofluoromethane	97		75 - 126		06/03/22 16:33	1
Toluene-d8 (Surr)	91		64 - 132		06/03/22 16:33	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Qualifiers

GC/MS VOA

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

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-220401-1

Date Collected: 05/20/22 17:30

Matrix: Water

Date Received: 05/24/22 09:02

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	579929	06/03/22 11:17	BEP	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-1

Lab Sample ID: 400-220401-2

Date Collected: 05/20/22 18:25

Matrix: Water

Date Received: 05/24/22 09:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	579929	06/03/22 13:03	BEP	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-3

Lab Sample ID: 400-220401-3

Date Collected: 05/20/22 17:50

Matrix: Water

Date Received: 05/24/22 09:02

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	579929	06/03/22 12:36	BEP	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-4

Lab Sample ID: 400-220401-4

Date Collected: 05/20/22 17:55

Matrix: Water

Date Received: 05/24/22 09:02

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	579953	06/03/22 14:07	BPO	TAL PEN
Instrument ID: Einstein										

Client Sample ID: MW-5

Lab Sample ID: 400-220401-5

Date Collected: 05/20/22 18:00

Matrix: Water

Date Received: 05/24/22 09:02

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	579953	06/03/22 14:36	BPO	TAL PEN
Instrument ID: Einstein										

Client Sample ID: MW-7

Lab Sample ID: 400-220401-6

Date Collected: 05/20/22 18:10

Matrix: Water

Date Received: 05/24/22 09:02

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	579953	06/03/22 15:06	BPO	TAL PEN
Instrument ID: Einstein										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

Client Sample ID: MW-8**Date Collected: 05/20/22 18:15****Date Received: 05/24/22 09:02****Lab Sample ID: 400-220401-7****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	579953	06/03/22 15:35	BPO	TAL PEN
Instrument ID: Einstein										

Client Sample ID: MW-9**Date Collected: 05/20/22 18:20****Date Received: 05/24/22 09:02****Lab Sample ID: 400-220401-8****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	579953	06/03/22 16:04	BPO	TAL PEN
Instrument ID: Einstein										

Client Sample ID: DUP-01**Date Collected: 05/20/22 18:55****Date Received: 05/24/22 09:02****Lab Sample ID: 400-220401-9****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	579953	06/03/22 16:33	BPO	TAL PEN
Instrument ID: Einstein										

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

GC/MS VOA

Analysis Batch: 579929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220401-1	TRIP BLANK	Total/NA	Water	8260C	
400-220401-2	MW-1	Total/NA	Water	8260C	
400-220401-3	MW-3	Total/NA	Water	8260C	
MB 400-579929/41	Method Blank	Total/NA	Water	8260C	
LCS 400-579929/1002	Lab Control Sample	Total/NA	Water	8260C	
400-220328-D-3 MS	Matrix Spike	Total/NA	Water	8260C	
400-220328-D-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 579953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220401-4	MW-4	Total/NA	Water	8260C	
400-220401-5	MW-5	Total/NA	Water	8260C	
400-220401-6	MW-7	Total/NA	Water	8260C	
400-220401-7	MW-8	Total/NA	Water	8260C	
400-220401-8	MW-9	Total/NA	Water	8260C	
400-220401-9	DUP-01	Total/NA	Water	8260C	
MB 400-579953/5	Method Blank	Total/NA	Water	8260C	
LCS 400-579953/1002	Lab Control Sample	Total/NA	Water	8260C	
400-220313-B-9 MS	Matrix Spike	Total/NA	Water	8260C	
400-220313-B-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

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

Lab Sample ID: MB 400-579929/41

Matrix: Water

Analysis Batch: 579929

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			06/03/22 10:25	1
Toluene	<1.0		1.0	ug/L			06/03/22 10:25	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 10:25	1
Xylenes, Total	<10		10	ug/L			06/03/22 10:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		06/03/22 10:25	1
Dibromofluoromethane	112		75 - 126		06/03/22 10:25	1
Toluene-d8 (Surr)	96		64 - 132		06/03/22 10:25	1

Lab Sample ID: LCS 400-579929/1002

Matrix: Water

Analysis Batch: 579929

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	53.9		ug/L		108	70 - 130
Toluene	50.0	49.6		ug/L		99	70 - 130
Ethylbenzene	50.0	52.0		ug/L		104	70 - 130
Xylenes, Total	100	99.6		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		72 - 119
Dibromofluoromethane	103		75 - 126
Toluene-d8 (Surr)	96		64 - 132

Lab Sample ID: 400-220328-D-3 MS

Matrix: Water

Analysis Batch: 579929

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	47.9		ug/L		94	56 - 142
Toluene	<1.0		50.0	38.9		ug/L		78	65 - 130
Ethylbenzene	<1.0		50.0	36.0		ug/L		72	58 - 131
Xylenes, Total	<10		100	68.8		ug/L		69	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	93		72 - 119
Dibromofluoromethane	102		75 - 126
Toluene-d8 (Surr)	94		64 - 132

Lab Sample ID: 400-220328-D-3 MSD

Matrix: Water

Analysis Batch: 579929

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<1.0		50.0	44.1		ug/L		87	56 - 142	8	30
Toluene	<1.0		50.0	34.2		ug/L		68	65 - 130	13	30
Ethylbenzene	<1.0		50.0	28.8		ug/L		58	58 - 131	22	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

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

Lab Sample ID: 400-220328-D-3 MSD

Matrix: Water

Analysis Batch: 579929

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	54.7	F1	ug/L		55	59 - 130	23	30
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene	94		72 - 119								
Dibromofluoromethane	100		75 - 126								
Toluene-d8 (Surr)	98		64 - 132								

Lab Sample ID: MB 400-579953/5

Matrix: Water

Analysis Batch: 579953

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			06/03/22 13:08	1
Toluene	<1.0		1.0	ug/L			06/03/22 13:08	1
Ethylbenzene	<1.0		1.0	ug/L			06/03/22 13:08	1
Xylenes, Total	<10		10	ug/L			06/03/22 13:08	1
Surrogate	%Recovery	MB Qualifier	MB Limits					
4-Bromofluorobenzene	94		72 - 119					
Dibromofluoromethane	96		75 - 126					
Toluene-d8 (Surr)	92		64 - 132					

Lab Sample ID: LCS 400-579953/1002

Matrix: Water

Analysis Batch: 579953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.3		ug/L		93	70 - 130
Toluene	50.0	47.1		ug/L		94	70 - 130
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130
Xylenes, Total	100	98.2		ug/L		98	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS Limits				
4-Bromofluorobenzene	101		72 - 119				
Dibromofluoromethane	98		75 - 126				
Toluene-d8 (Surr)	100		64 - 132				

Lab Sample ID: 400-220313-B-9 MS

Matrix: Water

Analysis Batch: 579953

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<1.0		50.0	42.3		ug/L		85	56 - 142
Toluene	<1.0		50.0	42.5		ug/L		85	65 - 130
Ethylbenzene	<1.0		50.0	46.2		ug/L		92	58 - 131
Xylenes, Total	<10		100	89.9		ug/L		90	59 - 130

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

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

Lab Sample ID: 400-220313-B-9 MS

Matrix: Water

Analysis Batch: 579953

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	101		72 - 119
Dibromofluoromethane	101		75 - 126
Toluene-d8 (Surr)	98		64 - 132

Lab Sample ID: 400-220313-B-9 MSD

Matrix: Water

Analysis Batch: 579953

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	44.8		ug/L		90	56 - 142	6	30
Toluene	<1.0		50.0	45.3		ug/L		91	65 - 130	6	30
Ethylbenzene	<1.0		50.0	48.0		ug/L		96	58 - 131	4	30
Xylenes, Total	<10		100	93.5		ug/L		93	59 - 130	4	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	98		72 - 119
Dibromofluoromethane	101		75 - 126
Toluene-d8 (Surr)	99		64 - 132

Eurofins Pensacola

Chain of Custody Record 465190



Environment Testing
TestAmerica

Address: 3555 McLeans Dr.
Pensacola, FL 32514

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: NMDCD

Client Contact		Project Manager: Cheyenne Whitmore		Site Contact: Sarah Gardner		COC No: 1 of 1 COCs	
Company Name: Stantec		Tel/Email: Cheyenne Whitmore		Lab Contact: Cheyenne Whitmore		Sampler: Sarah Gardner	
Address: 11311 Purdie Ave.		Analysis Turnaround Time		Date:		For Lab Use Only:	
City/State/Zip: Des Moines, IA 50322		☐ CALENDAR DAYS ☐ WORKING DAYS		Carrier:		Walk-in Client:	
Phone: (515) 410-7513		TAT if different from Below		Perform MS / MSD (Y / N)		Lab Sampling:	
Fax: (515) 410-7513		2 weeks		Filtered Sample (Y / N)		Job / SDG No.:	
Project Name: NM GW PITS		1 week		Sample Type (C=Comp, G=Grab)		Sample Specific Notes:	
PO#		2 days		Sample Date			
		1 day		Sample Time			
				Matrix			
				# of Cont.			
Trip Blank				G	W	2	
MW-1		5/20/22	1730	G	W	3	
MW-3		5/20/22	1825	G	W	3	
MW-4		5/20/22	1750	G	W	3	
MW-5		5/20/22	1755	G	W	3	
MW-7		5/20/22	1800	G	W	3	
MW-8		5/20/22	1810	G	W	3	
MW-9		5/20/22	1815	G	W	3	
DUP-01		5/20/22	1820	G	W	3	
		5/20/22	1855	G	W	3	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No.:		Cooler Temp. (°C): Obs'd: 0.0°C Corr'd: 12.9		Therm ID No.:	
Relinquished by:	Company: Stantec	Received by:	Company: ETS	Date/Time:	5/24/22 0802
Relinquished by:	Company:	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Received in Laboratory by:	Company:	Date/Time:	

6/8/2022

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-220401-1

Login Number: 220401

List Source: Eurofins Pensacola

List Number: 1

Creator: Whitley, Adrian

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-220401-1

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 Pensacola



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/18/2022 2:37:07 PM

JOB DESCRIPTION

Johnston Fed #6A

JOB NUMBER

400-228557-1

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Laboratory Job ID: 400-228557-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Job ID: 400-228557-1

Laboratory: Eurofins Pensacola**Narrative**

**Job Narrative
400-228557-1****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 0.0° C.

GC/MS VOA

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

VOA Prep

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: TB-01

Lab Sample ID: 400-228557-1

☐ No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-228557-2

☐ No Detections.

Client Sample ID: MW-1R

Lab Sample ID: 400-228557-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1		1.0	ug/L	1		8260C	Total/NA
Toluene	14		1.0	ug/L	1		8260C	Total/NA
Ethylbenzene	17		1.0	ug/L	1		8260C	Total/NA
Xylenes, Total	120		10	ug/L	1		8260C	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 400-228557-4

☐ No Detections.

Client Sample ID: MW-3

Lab Sample ID: 400-228557-5

☐ No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-228557-6

☐ No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-228557-7

☐ No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-228557-8

☐ No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-228557-9

☐ No Detections.

Client Sample ID: MW-8

Lab Sample ID: 400-228557-10

☐ No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-228557-11

☐ No Detections.

Client Sample ID: MW-10

Lab Sample ID: 400-228557-12

☐ No Detections.

Client Sample ID: MW-11

Lab Sample ID: 400-228557-13

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

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

Eurofins Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-228557-1	TB-01	Water	11/05/22 16:00	11/08/22 09:32
400-228557-2	DUP-01	Water	11/05/22 12:00	11/08/22 09:32
400-228557-3	MW-1R	Water	11/05/22 16:36	11/08/22 09:32
400-228557-4	MW-2	Water	11/05/22 16:43	11/08/22 09:32
400-228557-5	MW-3	Water	11/05/22 16:50	11/08/22 09:32
400-228557-6	MW-4	Water	11/05/22 16:58	11/08/22 09:32
400-228557-7	MW-5	Water	11/05/22 17:04	11/08/22 09:32
400-228557-8	MW-6	Water	11/05/22 17:09	11/08/22 09:32
400-228557-9	MW-7	Water	11/05/22 17:17	11/08/22 09:32
400-228557-10	MW-8	Water	11/05/22 17:25	11/08/22 09:32
400-228557-11	MW-9	Water	11/05/22 18:01	11/08/22 09:32
400-228557-12	MW-10	Water	11/05/22 18:05	11/08/22 09:32
400-228557-13	MW-11	Water	11/05/22 18:10	11/08/22 09:32

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: TB-01

Lab Sample ID: 400-228557-1

Date Collected: 11/05/22 16:00

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 18:00	1
Toluene	<1.0		1.0	ug/L			11/13/22 18:00	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 18:00	1
Xylenes, Total	<10		10	ug/L			11/13/22 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 119		11/13/22 18:00	1
Dibromofluoromethane	93		75 - 126		11/13/22 18:00	1
Toluene-d8 (Surr)	94		64 - 132		11/13/22 18:00	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: DUP-01

Lab Sample ID: 400-228557-2

Date Collected: 11/05/22 12:00

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 18:26	1
Toluene	<1.0		1.0	ug/L			11/13/22 18:26	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 18:26	1
Xylenes, Total	<10		10	ug/L			11/13/22 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119		11/13/22 18:26	1
Dibromofluoromethane	91		75 - 126		11/13/22 18:26	1
Toluene-d8 (Surr)	91		64 - 132		11/13/22 18:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-1R

Lab Sample ID: 400-228557-3

Date Collected: 11/05/22 16:36

Matrix: Water

Date Received: 11/08/22 09:32

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.1		1.0	ug/L			11/13/22 18:52	1
Toluene	14		1.0	ug/L			11/13/22 18:52	1
Ethylbenzene	17		1.0	ug/L			11/13/22 18:52	1
Xylenes, Total	120		10	ug/L			11/13/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119				11/13/22 18:52	1
Dibromofluoromethane	87		75 - 126				11/13/22 18:52	1
Toluene-d8 (Surr)	92		64 - 132				11/13/22 18:52	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-2

Lab Sample ID: 400-228557-4

Date Collected: 11/05/22 16:43

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 19:19	1
Toluene	<1.0		1.0	ug/L			11/13/22 19:19	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 19:19	1
Xylenes, Total	<10		10	ug/L			11/13/22 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119		11/13/22 19:19	1
Dibromofluoromethane	91		75 - 126		11/13/22 19:19	1
Toluene-d8 (Surr)	94		64 - 132		11/13/22 19:19	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-3

Lab Sample ID: 400-228557-5

Date Collected: 11/05/22 16:50

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 19:45	1
Toluene	<1.0		1.0	ug/L			11/13/22 19:45	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 19:45	1
Xylenes, Total	<10		10	ug/L			11/13/22 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119		11/13/22 19:45	1
Dibromofluoromethane	83		75 - 126		11/13/22 19:45	1
Toluene-d8 (Surr)	95		64 - 132		11/13/22 19:45	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-4

Lab Sample ID: 400-228557-6

Date Collected: 11/05/22 16:58

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 20:11	1
Toluene	<1.0		1.0	ug/L			11/13/22 20:11	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 20:11	1
Xylenes, Total	<10		10	ug/L			11/13/22 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		72 - 119		11/13/22 20:11	1
Dibromofluoromethane	93		75 - 126		11/13/22 20:11	1
Toluene-d8 (Surr)	96		64 - 132		11/13/22 20:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-5

Lab Sample ID: 400-228557-7

Date Collected: 11/05/22 17:04

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 20:37	1
Toluene	<1.0		1.0	ug/L			11/13/22 20:37	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 20:37	1
Xylenes, Total	<10		10	ug/L			11/13/22 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		72 - 119		11/13/22 20:37	1
Dibromofluoromethane	93		75 - 126		11/13/22 20:37	1
Toluene-d8 (Surr)	95		64 - 132		11/13/22 20:37	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-6

Lab Sample ID: 400-228557-8

Date Collected: 11/05/22 17:09

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 21:04	1
Toluene	<1.0		1.0	ug/L			11/13/22 21:04	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 21:04	1
Xylenes, Total	<10		10	ug/L			11/13/22 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 119		11/13/22 21:04	1
Dibromofluoromethane	96		75 - 126		11/13/22 21:04	1
Toluene-d8 (Surr)	94		64 - 132		11/13/22 21:04	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-7

Lab Sample ID: 400-228557-9

Date Collected: 11/05/22 17:17

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 21:30	1
Toluene	<1.0		1.0	ug/L			11/13/22 21:30	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 21:30	1
Xylenes, Total	<10		10	ug/L			11/13/22 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 119		11/13/22 21:30	1
Dibromofluoromethane	95		75 - 126		11/13/22 21:30	1
Toluene-d8 (Surr)	96		64 - 132		11/13/22 21:30	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-8

Lab Sample ID: 400-228557-10

Date Collected: 11/05/22 17:25

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 21:56	1
Toluene	<1.0		1.0	ug/L			11/13/22 21:56	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 21:56	1
Xylenes, Total	<10		10	ug/L			11/13/22 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		72 - 119		11/13/22 21:56	1
Dibromofluoromethane	91		75 - 126		11/13/22 21:56	1
Toluene-d8 (Surr)	94		64 - 132		11/13/22 21:56	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-9

Lab Sample ID: 400-228557-11

Date Collected: 11/05/22 18:01

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 22:23	1
Toluene	<1.0		1.0	ug/L			11/13/22 22:23	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 22:23	1
Xylenes, Total	<10		10	ug/L			11/13/22 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		72 - 119		11/13/22 22:23	1
Dibromofluoromethane	93		75 - 126		11/13/22 22:23	1
Toluene-d8 (Surr)	95		64 - 132		11/13/22 22:23	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-10

Lab Sample ID: 400-228557-12

Date Collected: 11/05/22 18:05

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 22:49	1
Toluene	<1.0		1.0	ug/L			11/13/22 22:49	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 22:49	1
Xylenes, Total	<10		10	ug/L			11/13/22 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 119		11/13/22 22:49	1
Dibromofluoromethane	92		75 - 126		11/13/22 22:49	1
Toluene-d8 (Surr)	95		64 - 132		11/13/22 22:49	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-11

Lab Sample ID: 400-228557-13

Date Collected: 11/05/22 18:10

Matrix: Water

Date Received: 11/08/22 09:32

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			11/13/22 16:15	1
Toluene	<1.0		1.0	ug/L			11/13/22 16:15	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 16:15	1
Xylenes, Total	<10		10	ug/L			11/13/22 16:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119		11/13/22 16:15	1
Dibromofluoromethane	92		75 - 126		11/13/22 16:15	1
Toluene-d8 (Surr)	95		64 - 132		11/13/22 16:15	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

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: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: TB-01**Lab Sample ID: 400-228557-1****Date Collected: 11/05/22 16:00****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 18:00	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: DUP-01**Lab Sample ID: 400-228557-2****Date Collected: 11/05/22 12:00****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 18:26	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-1R**Lab Sample ID: 400-228557-3****Date Collected: 11/05/22 16:36****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 18:52	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-2**Lab Sample ID: 400-228557-4****Date Collected: 11/05/22 16:43****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 19:19	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-3**Lab Sample ID: 400-228557-5****Date Collected: 11/05/22 16:50****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 19:45	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-4**Lab Sample ID: 400-228557-6****Date Collected: 11/05/22 16:58****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 20:11	BPO	EET PEN
Instrument ID: Einstein										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-5**Lab Sample ID: 400-228557-7****Date Collected: 11/05/22 17:04****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 20:37	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-6**Lab Sample ID: 400-228557-8****Date Collected: 11/05/22 17:09****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 21:04	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-7**Lab Sample ID: 400-228557-9****Date Collected: 11/05/22 17:17****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 21:30	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-8**Lab Sample ID: 400-228557-10****Date Collected: 11/05/22 17:25****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 21:56	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-9**Lab Sample ID: 400-228557-11****Date Collected: 11/05/22 18:01****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 22:23	BPO	EET PEN
Instrument ID: Einstein										

Client Sample ID: MW-10**Lab Sample ID: 400-228557-12****Date Collected: 11/05/22 18:05****Matrix: Water****Date Received: 11/08/22 09:32**

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	600448	11/13/22 22:49	BPO	EET PEN
Instrument ID: Einstein										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

Client Sample ID: MW-11
Date Collected: 11/05/22 18:10
Date Received: 11/08/22 09:32

Lab Sample ID: 400-228557-13
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	600448	11/13/22 16:15	BPO	EET PEN
Instrument ID: Einstein										

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: Johnston Fed #6A

Job ID: 400-228557-1

GC/MS VOA

Analysis Batch: 600448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228557-1	TB-01	Total/NA	Water	8260C	
400-228557-2	DUP-01	Total/NA	Water	8260C	
400-228557-3	MW-1R	Total/NA	Water	8260C	
400-228557-4	MW-2	Total/NA	Water	8260C	
400-228557-5	MW-3	Total/NA	Water	8260C	
400-228557-6	MW-4	Total/NA	Water	8260C	
400-228557-7	MW-5	Total/NA	Water	8260C	
400-228557-8	MW-6	Total/NA	Water	8260C	
400-228557-9	MW-7	Total/NA	Water	8260C	
400-228557-10	MW-8	Total/NA	Water	8260C	
400-228557-11	MW-9	Total/NA	Water	8260C	
400-228557-12	MW-10	Total/NA	Water	8260C	
400-228557-13	MW-11	Total/NA	Water	8260C	
MB 400-600448/4	Method Blank	Total/NA	Water	8260C	
LCS 400-600448/1002	Lab Control Sample	Total/NA	Water	8260C	
400-228557-13 MS	MW-11	Total/NA	Water	8260C	
400-228557-13 MSD	MW-11	Total/NA	Water	8260C	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

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

Lab Sample ID: MB 400-600448/4

Matrix: Water

Analysis Batch: 600448

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			11/13/22 15:23	1
Toluene	<1.0		1.0	ug/L			11/13/22 15:23	1
Ethylbenzene	<1.0		1.0	ug/L			11/13/22 15:23	1
Xylenes, Total	<10		10	ug/L			11/13/22 15:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119		11/13/22 15:23	1
Dibromofluoromethane	92		75 - 126		11/13/22 15:23	1
Toluene-d8 (Surr)	97		64 - 132		11/13/22 15:23	1

Lab Sample ID: LCS 400-600448/1002

Matrix: Water

Analysis Batch: 600448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	50.3		ug/L		101	70 - 130
Toluene	50.0	52.4		ug/L		105	70 - 130
Ethylbenzene	50.0	54.7		ug/L		109	70 - 130
Xylenes, Total	100	106		ug/L		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	110		72 - 119
Dibromofluoromethane	88		75 - 126
Toluene-d8 (Surr)	106		64 - 132

Lab Sample ID: 400-228557-13 MS

Matrix: Water

Analysis Batch: 600448

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<1.0		50.0	44.2		ug/L		88	56 - 142
Toluene	<1.0		50.0	44.7		ug/L		89	65 - 130
Ethylbenzene	<1.0		50.0	45.4		ug/L		91	58 - 131
Xylenes, Total	<10		100	88.8		ug/L		89	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	109		72 - 119
Dibromofluoromethane	87		75 - 126
Toluene-d8 (Surr)	104		64 - 132

Lab Sample ID: 400-228557-13 MSD

Matrix: Water

Analysis Batch: 600448

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<1.0		50.0	43.6		ug/L		87	56 - 142	1	30
Toluene	<1.0		50.0	44.9		ug/L		90	65 - 130	0	30
Ethylbenzene	<1.0		50.0	46.5		ug/L		93	58 - 131	2	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

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

Lab Sample ID: 400-228557-13 MSD

Matrix: Water

Analysis Batch: 600448

Client Sample ID: MW-11

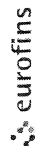
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	<10		100	89.9		ug/L		90	59 - 130	1	30
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene	109		72 - 119								
Dibromofluoromethane	88		75 - 126								
Toluene-d8 (Surr)	105		64 - 132								

Eurofins Pensacola

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

Chain of Custody Record



Environmental Testing

Client Information		Sampler: <u>SAC</u>		Lab PM: <u>Whitmore, Cheyenne R</u>	Carrier Tracking No(s): <u>400-114516-37676.1</u>	COC No: <u>400-114516-37676.1</u>
Client Contact: <u>Steve Varsa</u>		Phone: <u>913 980 0281</u>		E-Mail: <u>Cheyenne.Whitmore@eurofins.com</u>	State of Origin: <u>NM</u>	Page: <u>Page 1 of 2</u>
Company: <u>Stantec Consulting Services Inc</u>		PWSID: <u></u>		Job #: <u></u>		
Address: <u>11311 Aurora Avenue</u>		Due Date Requested: <u></u>		Analysis Requested		
City: <u>Des Moines</u>		TAT Requested (days): <u>STD</u>		Preservation Codes:		
State, Zip: <u>IA, 50322-7904</u>		Compliance Project: <u>Δ Yes Δ No</u>		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 - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)		
Phone: <u>WD1040030</u>		PO #: <u></u>		Other: <u></u>		
Email: <u>steve.varsa@stantec.com</u>		WO #: <u></u>		Total Number of containers: <u>400-228557 COC</u>		
Project Name: <u>Johnston Fed #6A.00 SemiAnnual</u>		ERG-STN-10-07-22-SAH-08		Special Instructions/Note: <u>Top Blank</u>		
Site: <u>5 Feb 6A</u>		Project #: <u>40005479</u>				
SSOW#: <u></u>		SSOW#: <u></u>				
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)
TB-01		11/5/2022	1600	G	Water	—
DUP-01		11/5/2022	—	G	Water	—
MW-1R		11/5/2022	1636	G	Water	—
MW-2		11/5/2022	1643	G	Water	—
MW-3		11/5/2022	1650	G	Water	—
MW-4		11/5/2022	1658	G	Water	—
MW-5		11/5/2022	1704	G	Water	—
MW-6		11/5/2022	1709	G	Water	—
MW-7		11/5/2022	1717	G	Water	—
MW-8		11/5/2022	1725	G	Water	—
MW-9		11/5/2022	1801	G	Water	—
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) <u></u>						
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For <u>Months</u>						
Special Instructions/QC Requirements: <u></u>						
Empty Kit Relinquished by: <u>Steve Varsa</u>		Date: <u>11/17/22</u>		Time: <u>1200</u>		
Relinquished by: <u>Steve Varsa</u>		Date/Time: <u>11/17/22 1200</u>		Company: <u>STN</u>		
Relinquished by: <u></u>		Date/Time: <u></u>		Company: <u></u>		
Relinquished by: <u></u>		Date/Time: <u></u>		Company: <u></u>		
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.: <u>0618</u>		Cooler Temperature(s) °C and Other Remarks: <u>0618</u>		

Chain of Custody Record



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[illegible]

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-228557-1

Login Number: 228557

List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Fed #6A

Job ID: 400-228557-1

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

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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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11/18/2022 2:37:07 PM

Authorized for release by
Isabel Enfinger, Project Manager I
isabel.enfinger@et.eurofinsus.com
Designee for
Cheyenne Whitmire, Project Manager II
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

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

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

CONDITIONS

Action 201689

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 201689
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2022 ANNUAL GROUNDWATER REPORT: Content satisfactory 1. Continue to follow "Planned Future Activities" as noted within this report. 2. Submit next annual groundwater report to OCD no later than April 1, 2024.	5/17/2023