2024 ANNUAL GROUNDWATER REPORT – Johnston Federal #6A

San Juan County, New Mexico

NMOCD Incident No.
nAUTOfAB000309

Prepared for:

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ABBREVIATIONS

µg/L	micrograms per liter
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
cy	cubic yard
Envirotech	Envirotech, Inc.
EPA	United States Environmental Protection Agency
Eurofins	Eurofins Environment Testing Southeast, LLC
EPCGP	El Paso CGP Company
HydraSleeve	HydraSleeve™
LNAPL	light non-aqueous phase liquid
MDPE	mobile dual-phase extraction
NMOCD	New Mexico Oil Conservation Division
NMOSE	New Mexico Office of the State Engineer
NMWQCC	New Mexico Water Quality Control Commission
NNEPA	Navajo Nation Environmental Protection Agency
PAHs	polycyclic aromatic hydrocarbons
SVOCs	semi-volatile organic compounds
Stantec	Stantec Consulting Services Inc.

1.0 INTRODUCTION

This 2024 Annual Groundwater Report has been prepared on behalf of El Paso CGP Company (EPCGP), a subsidiary of Kinder Morgan, Inc., by Stantec Consulting Services Inc. (Stantec). This report summarizes groundwater sampling and associated activities completed in 2024 at the Johnston Federal #6A site (Site; Meter Code 89232), located at Unit F, Section 35, Township 31 North, Range 9 West, in San Juan County, New Mexico. The location of the Site is Latitude 36.856422, Longitude -107.753819, depicted in Figure 1. The Site has been assigned Incident Number nAUTOfAB000309 by the New Mexico Oil Conservation Division (NMOCD).

2.0 SITE BACKGROUND

Environmental remediation activities at 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 NMOCD in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into EPCGP's program methods. Currently, the Site is operated by Hilcorp Energy and is active.

The Site is located on Federal land managed by the United States Bureau of Land Management. 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. A detailed Site history is presented in Appendix A.

A Site Plan map depicting the locations of monitoring wells, soil borings, and current and historical site features is provided as Figure 2. Historically, light non-aqueous phase liquid (LNAPL) has been periodically encountered and recovered at the Site. Mobile dual-phase extraction (MDPE) events to evaluate enhancement of LNAPL recovery were conducted in 2016, 2017, and 2021. LNAPL was last detected at the Site in 2022. Currently, quarterly groundwater sampling is being conducted. On August 2, 2024, the NMOCD approved quarterly sampling was only required for monitoring well MW-1R at the Site, as this was the remaining monitoring location that had not achieved New Mexico Water Quality Control Commission standards pursuant to the Remedial Plan requirements (Appendix B).

3.0 GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications to the NMOCD on March 20, 2024, May 6, 2024, August 21, 2024, and October 28, 2024, prior to initiating groundwater sampling activities at the Site. Copies of the 2024 NMOCD notifications are provided in Appendix C. On March 27, 2024, May 15, 2024, August 29, 2024, and November 9, 2024, water levels were gauged at MW-1R, and MW-2 through MW-11. Groundwater samples were collected from MW-1R, and MW-2 through MW-11 during the March and May 2024 sampling events. Groundwater samples were collected from MW-1R during the August and November 2024 sampling events.

Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event using a suspension tether and stainless-steel weights. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the 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 the presence of benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to United States Environmental Protection Agency (EPA) Method 8260. One laboratory supplied trip blank and one blind field duplicate sample were also collected during each groundwater sampling event.

The unused sample water was combined in a waste container and transported to the Envirotech, Inc. (Envirotech) land farm in Bloomfield, New Mexico for disposal. Waste disposal documentation is included as Appendix D.

4.0 GROUNDWATER RESULTS

Historical groundwater analytical results and well gauging data are summarized in Tables 1 and 2, respectively. Groundwater analytical data maps (Figures 3, 5, 7, and 9) and groundwater elevation contour maps (Figures 4, 6, 8, and 10) summarize results of the 2024 groundwater sampling and gauging events. The groundwater analytical lab reports are included as Appendix E. The following summarizes the groundwater monitoring and sampling conducted during this reporting period:

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the north-northeast during 2024 (see Figures 4, 6, 8, and 10).
- LNAPL was not detected in the Site monitoring wells in 2024.
- 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 2024.

- 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 2024.

- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in the Site monitoring wells sampled in 2024.

- The groundwater sample collected from MW-1R in May 2024 exceeded the NMWQCC standard (620 µg/L) for total xylenes in groundwater. Concentrations of total xylenes were either below the NMWQCC standard or not detected in the remaining Site monitoring wells sampled in 2024.

- A field duplicate was collected from MW-1R for the March, August, and November 2024 events, and from MW-3 for the May 2024 event. There were no significant differences between the primary sample and duplicate sample pairs during the 2024 groundwater sampling events. The relative percent difference for BTEX constituents in the August and November 2024 primary/duplicate pair collected from MW-1R was greater than 50%. A review of the laboratory analytical report and field notes did not reveal a potential cause of this discrepancy in results. No additional significant differences were noted between the remaining primary and duplicate groundwater sample results.

- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2024 groundwater monitoring events.

5.0 PLANNED FUTURE ACTIVITIES

The groundwater sampling results from the March, August, and November 2024 sampling events indicate site-wide concentrations are below applicable NMWQCC standards for BTEX constituents. Site-wide groundwater concentrations for BTEX have been reported below applicable NMWQCC standards since November 2021 with the exception of May 2024 detections of xylenes in MW-1R. Therefore, groundwater monitoring events will continue to be conducted on a quarterly basis through at least the second calendar quarter of 2025 to move the Site towards regulatory closure. Groundwater samples will be collected from monitoring wells and analyzed for BTEX constituents using EPA Method 8260.

The activities conducted in 2025 and their results will be summarized in the 2025 Annual Report, to be submitted by April 1, 2026. If groundwater concentrations in groundwater monitoring wells remain below applicable NMWQCC standards through the second calendar quarter of 2025, a petition for site closure may be made following this event.

TABLES

TABLE 1 - 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

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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-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
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
DUP-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-01(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-01(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

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	08/26/21	NS	NS	NS	NS
MW-1	11/15/21	<50	1600	700	5400
DUP-01(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-1R	03/28/23	<5.0	13	27	580
DUP-01(MW-1R)*	03/28/23	<5.0	14	30	610
MW-1R	05/19/23	1.0	1.1	6.6	33
MW-1R	08/30/23	3.0	50	84	1500
MW-1R	11/11/23	1.1	12	18	280
MW-1R	03/27/24	<1.0	13	12	250
DUP-01(MW-1R)*	03/27/24	<1.0	11	9.3	200
MW-1R	05/15/24	1.7	34	57	670
MW-1R	08/29/24	<1.0	18	9.8	270
DUP-01(MW-1R)*	08/29/24	<1.0	1.4	1.2	19
MW-1R	11/09/24	<1.0	2.9	3.3	53
DUP-01(MW-1R)*	11/09/24	<1.0	5.3	7.7	140
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
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

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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
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

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-2	03/28/23	<1.0	<1.0	<1.0	<10
MW-2	05/19/23	<1.0	<1.0	<1.0	<10
MW-2	08/30/23	<1.0	<1.0	<1.0	<10
MW-2	11/11/23	<1.0	<1.0	<1.0	<10
MW-2	03/27/24	<1.0	<1.0	<1.0	<10
MW-2	05/15/24	<1.0	<1.0	<1.0	<10
MW-2	08/29/24	NS	NS	NS	NS
MW-2	11/09/24	NS	NS	NS	NS
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
MW-3	12/21/04	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-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

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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-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
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-01(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-3	03/28/23	<1.0	<1.0	<1.0	<10
MW-3	05/19/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/19/23	<1.0	<1.0	<1.0	<10
MW-3	08/30/23	<1.0	<1.0	<1.0	<10
MW-3	11/11/23	<1.0	<1.0	<1.0	<10
MW-3	03/27/24	<1.0	<1.0	<1.0	<10
MW-3	05/15/24	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/15/24	<1.0	<1.0	<1.0	<10
MW-3	05/15/24	<1.0	<1.0	<1.0	<10
MW-3	08/29/24	NS	NS	NS	NS
MW-3	11/09/24	NS	NS	NS	NS
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

TABLE 1 - 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	03/14/03	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
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

TABLE 1 - 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	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-01(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-01(MW-4)*	05/20/22	<1.0	<1.0	<1.0	<10
MW-4	11/05/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-4)*	11/05/22	<1.0	<1.0	<1.0	<10
MW-4	03/28/23	<1.0	<1.0	<1.0	<10
MW-4	05/19/23	<1.0	<1.0	<1.0	<10
MW-4	08/30/23	<1.0	<1.0	<1.0	<10
MW-4	11/11/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-4)*	11/11/23	<1.0	<1.0	<1.0	<10
MW-4	03/27/24	<1.0	<1.0	<1.0	<10
MW-4	05/15/24	<1.0	<1.0	<1.0	<10
MW-4	08/29/24	NS	NS	NS	NS
MW-4	11/09/24	NS	NS	NS	NS
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

TABLE 1 - 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	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
MW-5	11/01/11	NS	NS	NS	NS

TABLE 1 - 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	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-5	03/28/23	<1.0	<1.0	<1.0	<10
MW-5	05/19/23	<1.0	<1.0	<1.0	<10
MW-5	08/30/23	<1.0	<1.0	<1.0	<10
MW-5	11/11/23	<1.0	<1.0	<1.0	<10
MW-5	03/27/24	<1.0	<1.0	<1.0	<10
MW-5	05/15/24	<1.0	<1.0	<1.0	<10
MW-5	08/29/24	NS	NS	NS	NS
MW-5	11/09/24	NS	NS	NS	NS
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

TABLE 1 - 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	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
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-6	03/28/23	<1.0	<1.0	<1.0	<10
MW-6	05/19/23	<1.0	<1.0	<1.0	<10
MW-6	08/30/23	<1.0	<1.0	<1.0	<10

TABLE 1 - 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	11/11/23	<1.0	<1.0	<1.0	<10
MW-6	03/27/24	<1.0	<1.0	<1.0	<10
MW-6	05/15/24	<1.0	<1.0	<1.0	<10
MW-6	08/29/24	NS	NS	NS	NS
MW-6	11/09/24	NS	NS	NS	NS
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
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-7	03/28/23	<1.0	<1.0	<1.0	<10
MW-7	05/19/23	<1.0	<1.0	<1.0	<10
MW-7	08/30/23	<1.0	<1.0	<1.0	<10
MW-7	11/11/23	<1.0	<1.0	<1.0	<10
MW-7	03/27/24	<1.0	<1.0	<1.0	<10
MW-7	05/15/24	<1.0	<1.0	<1.0	<10
MW-7	08/29/24	NS	NS	NS	NS
MW-7	11/09/24	NS	NS	NS	NS
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

TABLE 1 - 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-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-8	03/28/23	<1.0	<1.0	<1.0	<10
MW-8	05/19/23	<1.0	<1.0	<1.0	<10
MW-8	08/30/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-8)*	08/30/23	<1.0	<1.0	<1.0	<10
MW-8	11/11/23	<1.0	<1.0	<1.0	<10
MW-8	03/27/24	<1.0	<1.0	<1.0	<10
MW-8	05/15/24	<1.0	<1.0	<1.0	<10
MW-8	08/29/24	NS	NS	NS	NS
MW-8	11/09/24	NS	NS	NS	NS
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-9	03/28/23	<1.0	<1.0	<1.0	<10
MW-9	05/19/23	<1.0	<1.0	<1.0	<10
MW-9	08/30/23	<1.0	<1.0	<1.0	<10
MW-9	11/11/23	<1.0	<1.0	<1.0	<10
MW-9	03/27/24	<1.0	<1.0	<1.0	<10
MW-9	05/15/24	<1.0	<1.0	<1.0	<10

TABLE 1 - 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-9	08/29/24	NS	NS	NS	NS
MW-9	11/09/24	NS	NS	NS	NS
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
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-10	03/28/23	<1.0	<1.0	<1.0	<10
MW-10	05/19/23	<1.0	<1.0	<1.0	<10
MW-10	08/30/23	<1.0	<1.0	<1.0	<10
MW-10	11/11/23	<1.0	<1.0	<1.0	<10
MW-10	03/27/24	<1.0	<1.0	<1.0	<10
MW-10	05/15/24	<1.0	<1.0	<1.0	<10
MW-10	08/29/24	NS	NS	NS	NS
MW-10	11/09/24	NS	NS	NS	NS
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
MW-11	03/28/23	<1.0	<1.0	<1.0	<10
MW-11	05/19/23	<1.0	<1.0	<1.0	<10
MW-11	08/30/23	<1.0	<1.0	<1.0	<10
MW-11	11/11/23	<1.0	<1.0	<1.0	<10
MW-11	03/27/24	<1.0	<1.0	<1.0	<10
MW-11	05/15/24	<1.0	<1.0	<1.0	<10
MW-11	08/29/24	NS	NS	NS	NS
MW-11	11/09/24	NS	NS	NS	NS

Notes:
"NS" = Not sampled
"µg/L" = micrograms per liter
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.
"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.
"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).
*Field Duplicate results presented immediately below primary sample result

TABLE 2 - 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

TABLE 2 - 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	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
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						

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
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-1R	03/28/23	6001.63	ND	38.58		5963.05
MW-1R	05/19/23	6001.63	ND	38.55		5963.08
MW-1R	08/30/23	6001.63	ND	38.59		5963.04
MW-1R	11/11/23	6001.63	ND	38.67		5962.96
MW-1R	03/27/24	6001.63	ND	38.72		5962.91
MW-1R	05/15/24	6001.63	ND	38.72		5962.91
MW-1R	08/29/24	6001.63	ND	38.84		5962.79
MW-1R	11/09/24	6001.63	ND	38.91		5962.72
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
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

TABLE 2 - 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	06/18/07	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
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

TABLE 2 - 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	05/20/22	6001.82	ND	39.07		5962.75
MW-2	11/05/22	6001.82	ND	38.90		5962.92
MW-2	03/28/23	6001.82	ND	38.73		5963.09
MW-2	05/19/23	6001.82	ND	38.70		5963.12
MW-2	08/30/23	6001.82	ND	38.73		5963.09
MW-2	11/11/23	6001.82	ND	38.82		5963.00
MW-2	03/27/24	6001.82	ND	38.85		5962.97
MW-2	05/15/24	6001.82	ND	38.86		5962.96
MW-2	08/29/24	6001.82	ND	38.98		5962.84
MW-2	11/09/24	6001.82	ND	39.04		5962.78
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 2 - 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

TABLE 2 - 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	03/28/23	6001.21	ND	38.58		5962.63
MW-3	05/19/23	6001.21	ND	38.55		5962.66
MW-3	08/30/23	6001.21	ND	38.60		5962.61
MW-3	11/11/23	6001.21	ND	38.69		5962.52
MW-3	03/27/24	6001.21	ND	38.72		5962.49
MW-3	05/15/24	6001.21	ND	38.75		5962.46
MW-3	08/29/24	6001.21	ND	38.87		5962.34
MW-3	11/09/24	6001.21	ND	38.95		5962.26
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
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

TABLE 2 - 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	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
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-4	03/28/23	6001.26	ND	39.06		5962.20

TABLE 2 - 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	05/19/23	6001.26	ND	39.00		5962.26
MW-4	08/30/23	6001.26	ND	39.05		5962.21
MW-4	11/11/23	6001.26	ND	39.15		5962.11
MW-4	03/27/24	6001.26	ND	39.21		5962.05
MW-4	05/15/24	6001.26	ND	39.24		5962.02
MW-4	08/29/24	6001.26	ND	39.42		5961.84
MW-4	11/09/24	6001.26	ND	39.52		5961.74
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
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

TABLE 2 - 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	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-5	03/28/23	6001.96	ND	39.76		5962.20
MW-5	05/19/23	6001.96	ND	39.71		5962.25
MW-5	08/30/23	6001.96	ND	39.81		5962.15
MW-5	11/11/23	6001.96	ND	39.92		5962.04
MW-5	03/27/24	6001.96	ND	39.98		5961.98
MW-5	05/15/24	6001.96	ND	39.99		5961.97
MW-5	08/29/24	6001.96	ND	40.14		5961.82
MW-5	11/09/24	6001.96	ND	40.24		5961.72

TABLE 2 - 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	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
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

TABLE 2 - 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	11/05/22	6001.33	ND	39.70		5961.63
MW-6	03/28/23	6001.33	ND	39.53		5961.80
MW-6	05/19/23	6001.33	ND	39.47		5961.86
MW-6	08/30/23	6001.33	ND	39.57		5961.76
MW-6	11/11/23	6001.33	ND	39.67		5961.66
MW-6	03/27/24	6001.33	ND	39.74		5961.59
MW-6	05/15/24	6001.33	ND	39.75		5961.58
MW-6	08/29/24	6001.33	ND	39.92		5961.41
MW-6	11/09/24	6001.33	ND	40.02		5961.31
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
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-7	03/28/23	6001.26	ND	38.02		5963.24
MW-7	05/19/23	6001.26	ND	37.99		5963.27
MW-7	08/30/23	6001.26	ND	38.01		5963.25
MW-7	11/11/23	6001.26	ND	38.09		5963.17
MW-7	03/27/24	6001.26	ND	38.15		5963.11
MW-7	05/15/24	6001.26	ND	38.15		5963.11
MW-7	08/29/24	6001.26	ND	38.27		5962.99
MW-7	11/09/24	6001.26	ND	38.35		5962.91
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

TABLE 2 - GROUNDWATER ELEVATION RESULTS

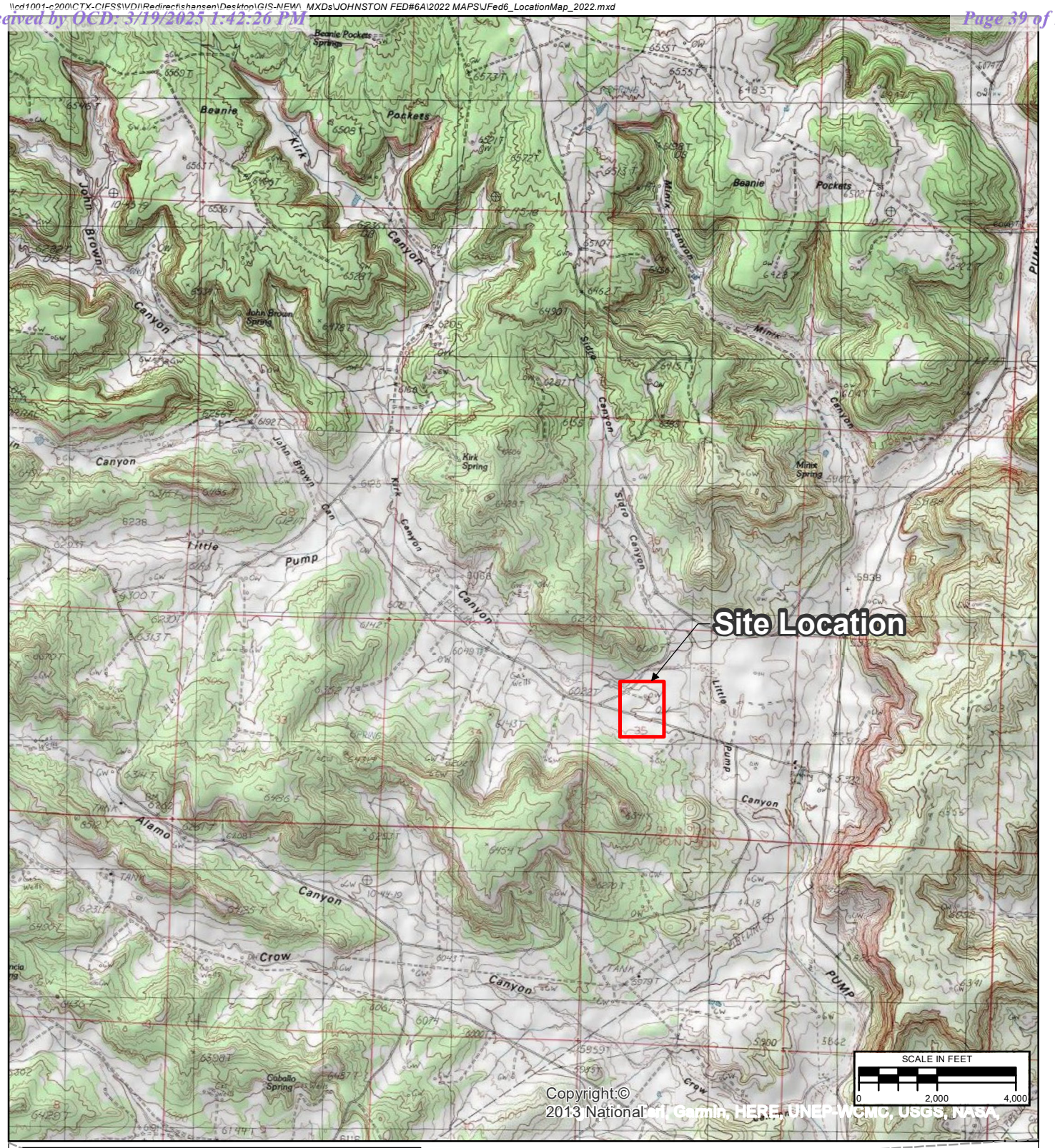
Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	05/22/19	6001.06	ND	38.13		5962.93
MW-8	11/12/19	6001.06	ND	38.25		5962.81
MW-8	05/17/20	6001.06	ND	38.29		5962.77
MW-8	11/13/20	6001.06	ND	38.41		5962.65
MW-8	05/18/21	6001.06	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-8	03/28/23	6001.06	ND	38.06		5963.00
MW-8	05/19/23	6001.06	ND	38.02		5963.04
MW-8	08/30/23	6001.06	ND	38.09		5962.97
MW-8	11/11/23	6001.06	ND	38.19		5962.87
MW-8	03/27/24	6001.06	ND	38.26		5962.80
MW-8	05/15/24	6001.06	ND	38.27		5962.79
MW-8	08/29/24	6001.06	ND	38.40		5962.66
MW-8	11/09/24	6001.06	ND	37.59		5963.47
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-9	03/28/23	6001.39	ND	38.70		5962.69
MW-9	05/19/23	6001.39	ND	38.68		5962.71
MW-9	08/30/23	6001.39	ND	38.76		5962.63
MW-9	11/11/23	6001.39	ND	37.86		5963.53
MW-9	03/27/24	6001.39	ND	38.92		5962.47
MW-9	05/15/24	6001.39	ND	38.93		5962.46
MW-9	08/29/24	6001.39	ND	39.07		5962.32
MW-9	11/09/24	6001.39	ND	39.18		5962.21

TABLE 2 - 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	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
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-10	03/28/23	6001.39	ND	38.85		5962.54
MW-10	05/19/23	6001.39	ND	38.78		5962.61
MW-10	08/30/23	6001.39	ND	38.85		5962.54
MW-10	11/11/23	6001.39	ND	38.94		5962.45
MW-10	03/27/24	6001.39	ND	38.94		5962.45
MW-10	05/15/24	6001.39	ND	39.00		5962.39
MW-10	08/29/24	6001.39	ND	39.18		5962.21
MW-10	11/09/24	6001.39	ND	39.25		5962.14
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
MW-11	03/28/23	5999.84	ND	36.24		5963.60
MW-11	05/19/23	5999.84	ND	36.20		5963.64
MW-11	08/30/23	5999.84	ND	36.20		5963.64
MW-11	11/11/23	5999.84	ND	36.29		5963.55
MW-11	03/27/24	5999.84	ND	36.37		5963.47
MW-11	05/15/24	5999.84	ND	36.33		5963.51
MW-11	08/29/24	5999.84	ND	36.43		5963.41
MW-11	11/09/24	5999.84	ND	36.51		5963.33

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



N

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-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JOHNSTON FED#6A\2022 MAPS\JFed6_SITEMAP_2022.mxd

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- RIGHT OF WAY BOUNDARY
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- GAS — NATURAL GAS LINE
- MONITORING WELL
- SOIL BORING
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:
UTILITY LOCATIONS ARE APPROXIMATE.

N

SCALE IN FEET
0 30 60

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

Stantec

Figure No.: 2

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\JOHNSTON FED#6A\2024 MAPS\JFed6_GARM_1Q_2024.mxd

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — 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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2024-04-25	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MARCH 27, 2024

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

Stantec

Figure No.: 3

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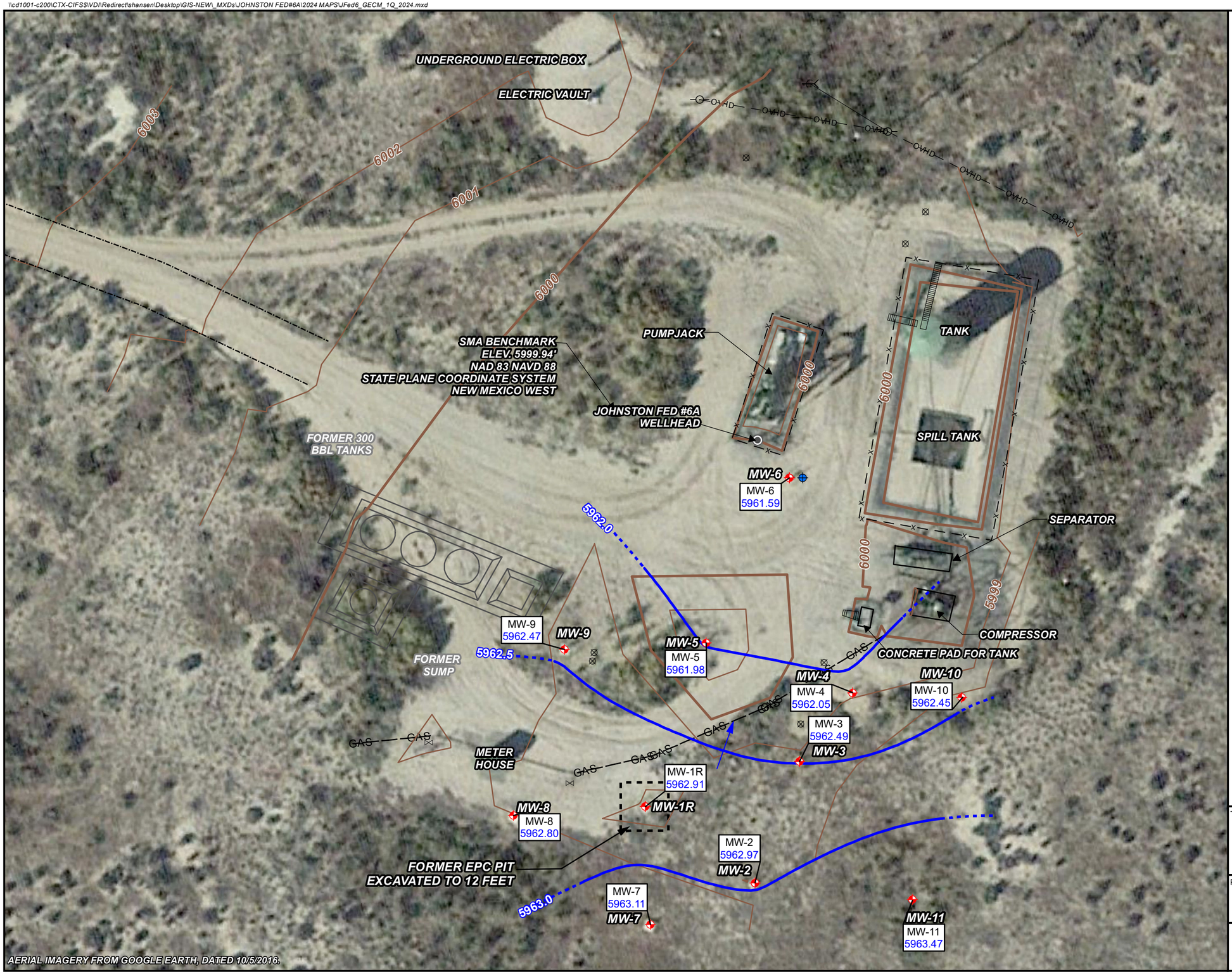

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- GAS — NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5962.45 GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5962.5 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2024-04-25	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MARCH 27, 2024

PROJECT:

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

Stantec

Figure No.: 4

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LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — 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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2024-06-06	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 15, 2024

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

Stantec

Figure No.: 5

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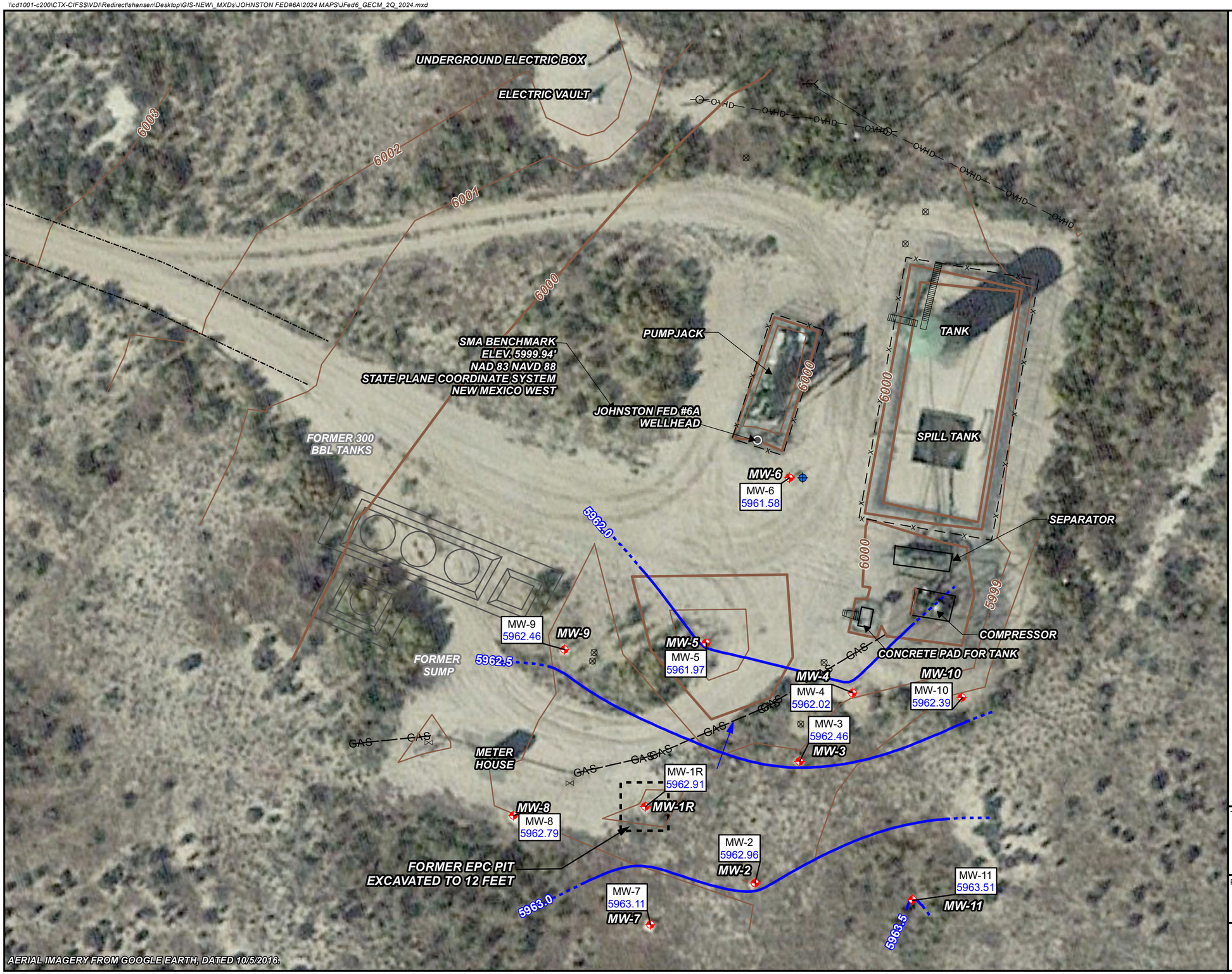

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- GAS — NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5962.91 GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5962.5 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2024-06-06	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 15, 2024

PROJECT:

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

Stantec

Figure No.: 6

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LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — 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.
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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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2025-01-29	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
AUGUST 29, 2024

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

Stantec

Figure No.: 7

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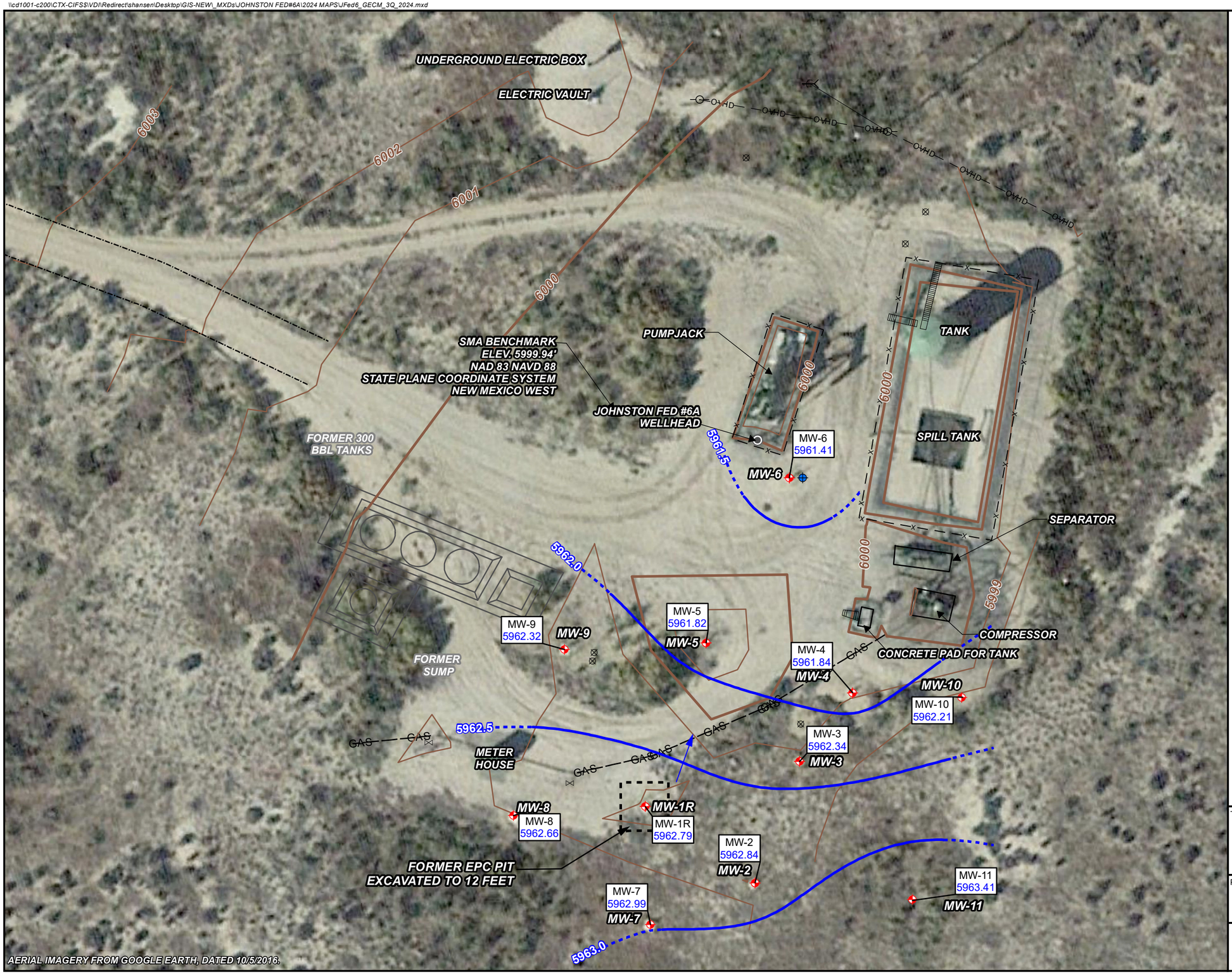

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- GAS — NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5961.41 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5962.5 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2025-01-29	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
AUGUST 29, 2024

PROJECT:

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

Stantec

Figure No.: 8

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LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — 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:

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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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2025-01-29	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 9, 2024

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

Stantec

Figure No.: 9

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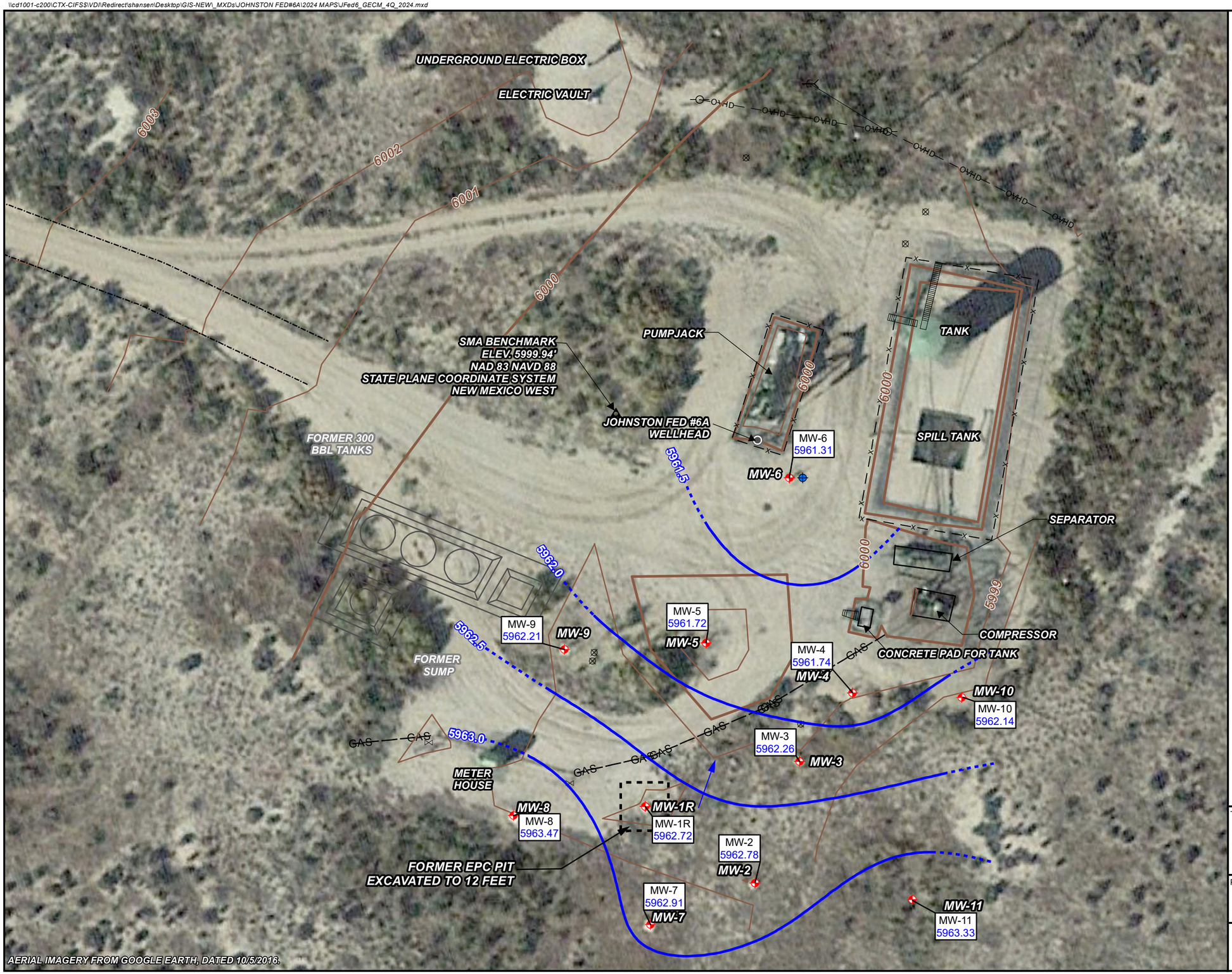

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- GAS — NATURAL GAS LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5962.72 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5962.5 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2025-01-29	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 9, 2024

PROJECT:

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

Stantec

Figure No.: **10**

APPENDICES

APPENDIX A

Site History

Johnston Fed #6A
Site History
San Juan River Basin, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
12/18/1974	API # 30-045-21642	Application for Permit to Drill	New gas well, #6A.
7/14/1975	API # 30-045-21642	Well Completion Report and Log	Union Texas Petroleum is operator. Spudded 5/8/1975, date completed/first production 7/7/1975; El Paso Natufal Gas Company is transporter.
9/20/1991	API # 30-045-21642	Ownership change	Change in operator to Meridian Oil Inc.
3/4/1992	Case # 3RP-283	Letter from Meridian Oil to NMOCD results of two groundwater samples	Groundwater samples from piezometers exceeeded New Mexico Water Quality Control Commission (NMWQCC) standards.
9/16/1995	nAUTOfAB000309	EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Outlines approach to investigating and remediating soil and groundwater at closed pit sites.
11/29/1995	nAUTOfAB000309	EPFS Addendum Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan to include installation of additional wells for delienation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards.
11/30/1995	nAUTOfAB000309	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
7/11/1996	API # 30-045-21642	Ownership change	Burlington Resources noted as well operator by this date.
6/2/1997	nAUTOfAB000309 (Case # 3RP-202)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.
8/6/1997	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis
2/27/1998	nAUTOfAB000309 (Case # 3RP-202)	Philip Services Corp 1997 Annual Report (for EPFS)	Documents pit closure, installation of MW-1, quarterly groundwater sampling from temporary wells, LNAPL removal from MW-1.
7/8/1998	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter for 1997 Annual Groundwater Report (EPFS)	NMOCD requests EPFS work cooperatively with operator to investigate and remediate groundwater.

Johnston Fed #6A
Site History
San Juan River Basin, New Mexico

7/9/1998	Case # 3RP-72	Letter from NMOCD to Burlington Resources	Required BR submit Groundwater Investigation and Remediation Plan for all pit closure sites in the San Juan Basin that encounter groundwater.
9/10/1998	Case # 3RP-72	Letter from NMOCD to Burlington Resources	NMOCD approved Work Plan.
3/31/1999	nAUTOfAB000309 (Case # 3RP-202)	Philip Services Corp 1998 Annual Report (for EPFS)	Quarterly sampling discontinued due to presence of LNAPL.
6/4/1999	Case # 3RP-72	BR letter to NMOCD requesting to remove a temporary well. .	Letter included Pit Remediation and Closure Report for BR earthen pit and soil analytical results.
6/7/1999	Case # 3RP-72	NMOCD Memo	NMOCD approves to plug monitoring well in the way of workover rig.
7/28/1999	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter for 1998 Annual Groundwater Report (EPFS)	NMOCD requires that EPFS install additional monitoring wells to delineate groundwater plume.
3/24/2000	nAUTOfAB000309 (Case # 3RP-202)	Philip Services Corp 1999 Annual Report (for EPFS)	Groundwater sampling and LNAPL monitoring.
2/26/2001	nAUTOfAB000309 (Case # 3RP-202)	Philip Services Corp 2000 Annual Report (for EPFS)	Monitoring well MW-5 installed and groundwater sampling.
7/18/2001	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter for 2000 Annual Groundwater Report (EPFS)	NMOCD requests EPFS work cooperatively with BR to investigate and remediate contaminated groundwater.
2/28/2002	nAUTOfAB000309 (Case # 3RP-202)	MWH 2001 Annual Report (for EPFS)	LNAPL recovery at MW-1. Annual groundwater monitoring.
2/28/2003	nAUTOfAB000309 (Case # 3RP-202)	MWH 2002 Annual Report (for EPFS)	Quarterly LNAPL recovery at MW-1. Annual groundwater sampling.
4/3/2003	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter for 2002 Annual Groundwater Report (EPFS)	NMOCD requires EPFS install additional monitoring wells for plume delineation.
2/26/2004	nAUTOfAB000309 (Case # 3RP-202)	MWH 2003 Annual Report (for EPFS)	Quarterly LNAPL recovery and annual groundwater sampling.
2/21/2005	nAUTOfAB000309 (Case # 3RP-202)	MWH 2004 Annual Groundwater Report (for EPFS)	LNAPL recovery, groundwtare sampling, and LNAPL recovery technology review.

Johnston Fed #6A
Site History
San Juan River Basin, New Mexico

3/16/2006	nAUTOfAB000309 (Case # 3RP-202)	MWH 2005 Annual Groundwater Report (for EPTPC)	LNAPL recovery and groundwater sampling.
3/2/2007	nAUTOfAB000309 (Case # 3RP-202)	MWH 2006 Annual Groundwater Report (for EPTPC)	Geoprobe soil and groundwater investigation activities, MW-6 installed.
4/2/2008	nAUTOfAB000309 (Case # 3RP-202)	MWH 2007 Annual Groundwater Report (for EPTPC)	Quarterly LNAPL recovery and annual sampling.
2/28/2009	nAUTOfAB000309 (Case # 3RP-202)	MWH 2008 Annual Groundwater Report (for EPTPC)	Quarterly LNAPL recovery and annual sampling.
4/16/2010	nAUTOfAB000309 (Case # 3RP-202)	MWH Final 2009 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual sampling continued.
3/2/2011	nAUTOfAB000309 (Case # 3RP-202)	MWH Final 2010 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual sampling.
8/16/2012	nAUTOfAB000309 (Case # 3RP-202)	MWH 2011 Annual Report (for EPCGP)	Quarterly LNAPL recovery and annual sampling continued.
2/28/2014	nAUTOfAB000309 (Case # 3RP-202)	MWH 2013 Annual Report (for EPCGP)	Three groundwater sampling events conducted.
2/2/2015	nAUTOfAB000309 (Case # 3RP-202)	MWH 2014 Annual Report (for EPCGP)	Semi-annual groundwater monitoring.
10/5/2015	nAUTOfAB000309 (Case # 3RP-202)	MWH 2015 Monitoring Well Installation Work Plan (for EPCGP)	Three new monitoring wells and one soil boring proposed.
2/16/2016	nAUTOfAB000309 (Case # 3RP-202)	Stantec 2015 Annual Groundwater Report (for EPCGP)	MW-7 through MW-9 installed and one soil boring advanced, semi-annual groundwater monitoring.
3/20/2017	nAUTOfAB000309 (Case # 3RP-202)	Stantec 2016 Annual Groundwater Report (for EPCGP)	MDPE event completed at MW-1, semi-annual groundwater sampling, LNAPL recovery.
6/2/2017	nAUTOfAB000309 (Case # 3RP-202)	NMOCD review letter for 2016 Annual Report	Remediation plan requested.
6/29/2017	nAUTOfAB000309 (Case # 3RP-202)	Stantec Work Plan for LNAPL Recovery Activities (for EPCGP)	MDPE activities will be completed from monitoring well MW-1 for three continuous days.
7/5/2017	nAUTOfAB000309 (Case # 3RP-202)	NMOCD approval letter for LNAPL Recovery Work Plan	Approval of Work Plan for MDPE at MW-1.
7/19/2017	nAUTOfAB000309 (Case # 3RP-202)	Response letter from EPCGP to NMOCD	No further groundwater plume delineation was planned at this time.

Johnston Fed #6A
Site History
San Juan River Basin, New Mexico

7/21/2017	API # 30-045-21642	Change of Operator	Hilcorp Energy Company in new operator.
3/28/2018	Case # 3RP-68	Stantec 2017 Annual Groundwater Report (for EPCGP)	MDPE events, LNAPL recovery activities, semi-annual groundwater sampling.
3/29/2019	Not in NMOCD files	Stantec 2018 Annual Groundwater Report (for EPCGP)	MDPE events conducted, semi-annual groundwater sampling.
6/28/2019	Not in NMOCD files	Stantec Monitoring Well Installation Work Plan (for EPCGP)	Two new monitoring wells will be installed.
4/1/2020	Not in NMOCD files	Stantec 2019 Annual Groundwater Report (for EPCGP)	MW-10 and MW-11 installed, semi-annual groundwater sampling.
1/5/2021	Not in NMOCD files	Letter from EPCGP to NMOCD	Quarterly LNAPL recovery, semi-annual sampling.
4/8/2021	nAUTOfAB000309	Stantec 2020 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring. Quarterly LNAPL recovery. Report stamped approved 12/29/2021 on OCD website.
8/23/2021	nAUTOfAB000309	Stantec Work Plan for LNAPL Recovery Activities (for EPCGP)	Two one-day MDPE events are proposed. Work plan stamped approved 12/29/2021 on OCD website.
3/22/2022	nAUTOfAB000309	Stantec Monitoring Well Replacement Work Plan (for EPCGP)	Work Plan proposed overdrilling and replacing monitoring well MW-1. Work plan stamped accepted 5/17/2023 on OCD website.
3/30/2022	nAUTOfAB000309	Stantec 2021 Annual Groundwater Report (for EPCGP)	Two MDPE events, semi-annual groundwater monitoring and quarterly LNAPL recovery. Report stamped accepted 5/17/2023 on OCD website.
3/22/2023	nAUTOfAB000309	Stantec 2022 Annual Groundwater Report (for EPCGP)	MW-1 well replaced, semi-annual groundwater sampling, quarterly LNAPL monitoring. Report stamped reviewed 5/17/2023 on OCD website.
3/27/2024	nAUTOfAB000309	Stantec 2023 Annual Groundwater Report (for EPCGP)	Quarterly groundwater sampling and LNAPL monitoring. Report approved 8/23/2024.
8/2/2024	nAUTOfAB000309	NMOCD approval of sampling modification.	Approves quarterly sampling of MW-1R.

APPENDIX B

August 2, 2024 NMOCD Approval

From: Buchanan, Michael, EMNRD
To: Varsa, Steve
Cc: Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] FW: Johnston Federal #6A (nAUTOfAB000309) - approval to continue to conducted limited quarterly groundwater sampling
Date: Friday, August 2, 2024 4:34:47 PM

Good afternoon, Steve

I've reviewed the information available for EPNGC's request, and groundwater monitoring may be suspended in all monitoring wells except MW-1R at the Johnston Fed #6A site. At least four (4) consecutive monitoring events have demonstrated below the WQCC human health standards in Title 20, which is the number of events approved in the remediation plan for groundwater during pit closure activities.

Thank you,

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, August 2, 2024 2:49 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Subject: RE: [EXTERNAL] FW: Johnston Federal #6A (nAUTOfAB000309) - approval to continue to conducted limited quarterly groundwater sampling

Hi Michael – the work plan is in the system somewhere and is attached for reference. We intent to upload it when we are ready to request site closure, but can do so now if you'd like.

Thank you,
Steve

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Friday, August 2, 2024 3:00 PM
To: Varsa, Steve <steve.varsa@stantec.com>
Subject: RE: [EXTERNAL] FW: Johnston Federal #6A (nAUTOfAB000309) - approval to continue to conducted limited quarterly groundwater sampling

Good afternoon, Steve

I'm looking in the incident file online for the groundwater work plan for the site, but I'm not seeing it in there. Has it been uploaded? If so, I apologize, I'm not finding it.

Please let me know,

Thank you,

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, August 2, 2024 1:11 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>

Subject: [EXTERNAL] FW: Johnston Federal #6A (nAUTOfAB000309) - approval to continue to conducted limited quarterly groundwater sampling

Hi Michael – I'm just following up on the correspondence below, and confirm we may proceed with cessation of sampling monitoring wells that have met the four calendar quarters of results below applicable NMWQCC standards, and continue sampling the remaining well that continues to not meet these requirements. We'll continue to gauge the site monitoring wells (not just the one being sampled) during each sampling event.

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

From: Varsa, Steve
Sent: Wednesday, July 3, 2024 1:11 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: Johnston Federal #6A (nAUTOfAB000309) - approval to continue to conducted limited quarterly groundwater sampling

Hi Michael – thank you for returning my call earlier today.

This correspondence to confirm our discussion regarding a request to limit quarterly groundwater sampling going forward at the subject site. As discussed, El Paso CGP Company has approval from the NMOCD, via a 1995 Remediation Plan, to obtain closure of a release following four consecutive quarters of groundwater sampling results below applicable New Mexico Water Quality Control Commission (NMWQCC) standards. Pursuant to our 2023 Annual Report and subsequent sampling conducted through June of this year, these standards have been met in all but one monitoring well (MW-1R, which intermittently exhibits total xylene concentration exceedances in collected groundwater samples). With the NMWQCC standards being met in the remaining site monitoring wells, it is requested future groundwater sampling be limited to benzene, toluene, ethylbenzene, and total xylene analysis of monitoring well MW-1R to document compliance with the NMWQCC standards. The results will continue to be documented in annual report submittals until site closure is requested.

Let me know if you need anything further regarding this matter and I look forward to your response.

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

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

APPENDIX C

NMOCD Notification of Site Activities

From: OCDOnline@state.nm.us
To: Varsa, Steve
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 325112
Date: Wednesday, March 20, 2024 2:08:25 PM

To whom it may concern (c/o Stephen Varsa for El Paso Natural Gas Company, L.L.C),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAUTOfAB000309.

The sampling event is expected to take place:

When: 03/27/2024 @ 00:00
Where: F-35-31N-09W 0 FNL 0 FEL (36.856422,-107.753819)

Additional Information: Sean Clary - 913-980-0281. Groundwater abatement per 19.15.30.14B NMAC.

Additional Instructions: located north of Little Pump Canyon Road, approximately 1 mile west of the junction with Pump Canyon Road.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: Varsa, Steve
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 341100
Date: Monday, May 6, 2024 11:48:20 AM

To whom it may concern (c/o Stephen Varsa for El Paso Natural Gas Company, L.L.C),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAUTOfAB000309.

The sampling event is expected to take place:

When: 05/15/2024 @ 08:00
Where: F-35-31N-09W 0 FNL 0 FEL (36.856422,-107.753819)

Additional Information: Sean Clary - 913-980-0281. Groundwater abatement per 19.15.30.14B NMAC.

Additional Instructions: Located north of Little Pump Canyon Road, approximately 1 mile west of the junction with Pump Canyon Road.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Varsa, Steve
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: Buchanan, Michael, EMNRD; Bratcher, Michael, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming third calendar quarter 2024 site activities
Date: Wednesday, August 21, 2024 9:43:54 AM

This correspondence is to provide notice to the NMOCD of upcoming light nonaqueous-phase liquid (LNAPL) monitoring and recovery activities at the following El Paso CGP Company (EPCGP) project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	8/29/2024
Fields A#7A	nAUTOfAB000176	8/27/2024
Gallegos Canyon Unit #124E	nAUTOfAB000205	8/28/2024
Johnston Fed #4	nAUTOfAB000305	8/30/2024
Johnston Fed #6A	nAUTOfAB000309	8/30/2024
K27 LDO72	nAUTOfAB000316	8/29/2024
Knight #1	nAUTOfAB000324	8/28/2024
State Gas Com N #1	nAUTOfAB000668	8/26/2024

Quarterly groundwater sampling at the Gallegos Canyon Unit #124E and Johnston Federal #6A locations are also to be done concurrent to the LNAPL monitoring and recovery events.

Quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) are to occur on Tuesday and Wednesday, August 27 and 28, 2024.

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

From: Varsa, Steve
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: Buchanan, Michael, EMNRD; Bratcher, Michael, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Monday, October 28, 2024 11:07:52 AM

Pursuant to El Paso CGP's Groundwater Remediation Plan, 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	11/9/2024
Fields A#7A	nAUTOfAB000176	11/8/2024
Fogelson 4-1	nAUTOfAB000192	11/5/2024
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/9/2024
GCU Com A #142E	nAUTOfAB000219	11/7/2024
James F. Bell #1E	nAUTOfAB000291	11/7/2024
Johnston Fed #4	nAUTOfAB000305	11/8/2024
Johnston Fed #6A	nAUTOfAB000309	11/8/2024
K27 LDO72	nAUTOfAB000316	11/9/2024
Knight #1	nAUTOfAB000324	11/5/2024
Lateral L 40 Line Drip	nAUTOfAB000335	11/10/2024
Sandoval GC A #1A	nAUTOfAB000635	11/8/2024
Standard Oil Com #1	nAUTOfAB000666	11/9/2024
State Gas Com N #1	nAUTOfAB000668	11/6/2024

Quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) are to occur on Monday and Tuesday, November 4 and 5, 2024.

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

APPENDIX D

Waste Disposal Documentation

envirotech

Bill of Lading

MANIFEST # 84352
GENERATOR El Paso
POINT OF ORIGIN See C-138 For list
TRANSPORTER Envirotech
DATE 03/29/24 JOB # 14073-0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Tank bottoms groundwater			1	—	—	983	1000	Austin Tate
					1					

RESULTS			LANDFARM EMPLOYEE	NOTES
-701	CHLORIDE TEST	1	Cory Robinson	
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST		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.	
PASS	PAINT FILTER TEST	1		

Generator Onsite Contact _____ Phone _____

ENTERED APR 02 2024

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

SAN JUAN PRINTING 2021 407-3

envirotech

BOL# 84352

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 03/29/24 TIME 1000

CUSTOMER El Paso

SITE See the C-138 For List

DRIVER Austin Foutz

SAMPLE Soil Straight ____ With Dirt X

CHLORIDE TEST - 281 mg/Kg

ACCEPTED YES X NO ____

PAINT FILTER TEST Time started 1000 Time completed 1012

PASS YES ✓ NO ____

SAMPLER/ANALYST Cory Robinson

Attach test strip here

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

envirotech

Bill of Lading

MANIFEST # 85181

GENERATOR El Paso Pit Sites

POINT OF ORIGIN See C-138 For Location

TRANSPORTER Envirotech

DATE 05/21/24 JOB # 14073-0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Tankbottom			1	—	—	998	0945	
					1					

RESULTS			LANDFARM EMPLOYEE	NOTES
434	CHLORIDE TEST	1	Cory Robinson	Pit Sites
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

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

Generator Onsite Contact _____ Phone _____

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envirotech

BOL# 85181

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05/21/24 TIME 0945

CUSTOMER El Paso

SITE Sec C-138 For Johnston Fed 4

DRIVER

SAMPLE Soil Straight _____ With Dirt X

CHLORIDE TEST 434 mg/Kg

ACCEPTED YES X NO _____

PAINT FILTER TEST Time started 0945 Time completed 0959

PASS YES X NO _____

SAMPLER/ANALYST

Attach test strip here

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

envirotech

Bill of Lading

MANIFEST # 87101
GENERATOR ELPASO EL PASO PIT SITES
POINT OF ORIGIN Lateral L 40
TRANSPORTER Envirotech
DATE 08/30/24 JOB # 14073-0095 0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Cont Liquid			1			998	1500	
					1					

RESULTS			LANDFARM EMPLOYEE	NOTES
-274	CHLORIDE TEST	1		
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

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

Generator Onsite Contact _____ Phone _____

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

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envirotech

BOL# 87101

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 08/30/24 TIME 1500

CUSTOMER EL PASO

SITE Lateral L 40

DRIVER [signature]

SAMPLE Soil Straight _____ With Dirt X

CHLORIDE TEST -274 mg/Kg

ACCEPTED YES X NO _____

PAINT FILTER TEST Time started 1500 Time completed 1511

PASS YES X NO _____

SAMPLER/ANALYST [signature]

Attach test strip here

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

Envirotech Inv 66775 on 11/14/24

envirotech

Bill of Lading

MANIFEST # 88384

GENERATOR ElPaso see list below

POINT OF ORIGIN ~~Rio Vista Comp Station~~

TRANSPORTER ETech

DATE 11/15/24 JOB # 14073-0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Tank Bottoms			1	-		998	11:00	
					1					
				Point of Origin			Blanco Gas Plant - North Flare Pit Blanco Gas Plant - South Flare Pit San Juan River Gas Plant			
						14	NEW MEXICO PITS SITES			
							- Johnston Federal #4 - Johnston Federal #6A - Sandoval GC A #1A - Canada Mesa #2 - K-27 LOO72 - Standard Oil Com #1 - Gallegos Canyon Unit #124E - State Gas Com N #1		- Knight #1 - Lat L40 - James F Bell #1E - GCU Com A #142E - Fields A #7A - Fogelson 4-1	

RESULTS			LANDFARM EMPLOYEE	NOTES
400	CHLORIDE TEST	1	Cory Robinson	Kinder Morgan / ELPaso
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

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

Generator Onsite Contact _____ Phone _____

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BOL# 88384

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11/15/24 TIME 11:00

Attach test strip here

CUSTOMER El Paso

SITE ~~Rio Vista Comp Station~~ SEE LIST PW See BOL for List

DRIVER

SAMPLE Soil Straight _____ With Dirt X

CHLORIDE TEST 400 mg/Kg

ACCEPTED YES X NO _____

PAINT FILTER TEST Time started 11:00 Time completed 11:10

PASS YES X NO _____

SAMPLER/ANALYST

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

APPENDIX E

Groundwater Analytical Lab Reports

Stantec

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/12/2024 5:53:57 PM

JOB DESCRIPTION

Johnston Federal #6A.00

JOB NUMBER

400-253525-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

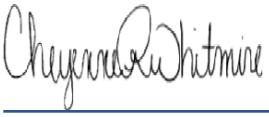
Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



Generated
4/12/2024 5:53:57 PM

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

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Laboratory Job ID: 400-253525-1

Table of Contents

Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TB-01 Lab Sample ID: 400-253525-1

No Detections.

Client Sample ID: MW-1R Lab Sample ID: 400-253525-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	12		1.0		ug/L	1		8260D	Total/NA
Toluene	13		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	250		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-2 Lab Sample ID: 400-253525-3

No Detections.

Client Sample ID: MW-3 Lab Sample ID: 400-253525-4

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-253525-5

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-253525-6

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-253525-7

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-253525-8

No Detections.

Client Sample ID: MW-8 Lab Sample ID: 400-253525-9

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-253525-10

No Detections.

Client Sample ID: MW-10 Lab Sample ID: 400-253525-11

No Detections.

Client Sample ID: MW-11 Lab Sample ID: 400-253525-12

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-253525-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	9.3		1.0		ug/L	1		8260D	Total/NA
Toluene	11		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	200		10		ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

Method	Method Description	Protocol	Laboratory
8260D	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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-253525-1	TB-01	Water	03/27/24 11:30	03/29/24 09:06
400-253525-2	MW-1R	Water	03/27/24 11:45	03/29/24 09:06
400-253525-3	MW-2	Water	03/27/24 12:00	03/29/24 09:06
400-253525-4	MW-3	Water	03/27/24 12:10	03/29/24 09:06
400-253525-5	MW-4	Water	03/27/24 12:30	03/29/24 09:06
400-253525-6	MW-5	Water	03/27/24 12:38	03/29/24 09:06
400-253525-7	MW-6	Water	03/27/24 12:50	03/29/24 09:06
400-253525-8	MW-7	Water	03/27/24 12:58	03/29/24 09:06
400-253525-9	MW-8	Water	03/27/24 13:06	03/29/24 09:06
400-253525-10	MW-9	Water	03/27/24 13:14	03/29/24 09:06
400-253525-11	MW-10	Water	03/27/24 13:20	03/29/24 09:06
400-253525-12	MW-11	Water	03/27/24 13:26	03/29/24 09:06
400-253525-13	DUP-01	Water	03/27/24 00:00	03/29/24 09:06

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TB-01 **Lab Sample ID: 400-253525-1**
Date Collected: 03/27/24 11:30 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 13:58	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/24 13:58	1
Toluene	<1.0		1.0		ug/L			04/07/24 13:58	1
Xylenes, Total	<10		10		ug/L			04/07/24 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*72 - 130*		*04/07/24 13:58*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*04/07/24 13:58*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*04/07/24 13:58*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-1R
Date Collected: 03/27/24 11:45
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 14:23	1
Ethylbenzene	**12**		1.0		ug/L			04/07/24 14:23	1
Toluene	**13**		1.0		ug/L			04/07/24 14:23	1
Xylenes, Total	**250**		10		ug/L			04/07/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*72 - 130*		*04/07/24 14:23*	*1*
Dibromofluoromethane	*98*		*75 - 126*		*04/07/24 14:23*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/07/24 14:23*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-2 **Lab Sample ID: 400-253525-3**
Date Collected: 03/27/24 12:00 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 14:49	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/24 14:49	1
Toluene	<1.0		1.0		ug/L			04/07/24 14:49	1
Xylenes, Total	<10		10		ug/L			04/07/24 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*72 - 130*		*04/07/24 14:49*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*04/07/24 14:49*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/07/24 14:49*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-3 **Lab Sample ID: 400-253525-4**
Date Collected: 03/27/24 12:10 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 15:14	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/24 15:14	1
Toluene	<1.0		1.0		ug/L			04/07/24 15:14	1
Xylenes, Total	<10		10		ug/L			04/07/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*72 - 130*		*04/07/24 15:14*	*1*
Dibromofluoromethane	*96*		*75 - 126*		*04/07/24 15:14*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*04/07/24 15:14*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-4 **Lab Sample ID: 400-253525-5**
Date Collected: 03/27/24 12:30 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 15:39	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/24 15:39	1
Toluene	<1.0		1.0		ug/L			04/07/24 15:39	1
Xylenes, Total	<10		10		ug/L			04/07/24 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*72 - 130*		*04/07/24 15:39*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*04/07/24 15:39*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*04/07/24 15:39*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-5 **Lab Sample ID: 400-253525-6**
Date Collected: 03/27/24 12:38 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 13:05	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 13:05	1
Toluene	<1.0		1.0		ug/L			04/08/24 13:05	1
Xylenes, Total	<10		10		ug/L			04/08/24 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*72 - 130*		*04/08/24 13:05*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*04/08/24 13:05*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*04/08/24 13:05*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-6 **Lab Sample ID: 400-253525-7**
Date Collected: 03/27/24 12:50 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 14:46	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 14:46	1
Toluene	<1.0		1.0		ug/L			04/08/24 14:46	1
Xylenes, Total	<10		10		ug/L			04/08/24 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*72 - 130*		*04/08/24 14:46*	*1*
Dibromofluoromethane	*94*		*75 - 126*		*04/08/24 14:46*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/08/24 14:46*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-7 Lab Sample ID: 400-253525-8

Date Collected: 03/27/24 12:58 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 15:11	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 15:11	1
Toluene	<1.0		1.0		ug/L			04/08/24 15:11	1
Xylenes, Total	<10		10		ug/L			04/08/24 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*72 - 130*		*04/08/24 15:11*	*1*
Dibromofluoromethane	*84*		*75 - 126*		*04/08/24 15:11*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*04/08/24 15:11*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-8 **Lab Sample ID: 400-253525-9**
Date Collected: 03/27/24 13:06 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 15:36	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 15:36	1
Toluene	<1.0		1.0		ug/L			04/08/24 15:36	1
Xylenes, Total	<10		10		ug/L			04/08/24 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*72 - 130*		*04/08/24 15:36*	*1*
Dibromofluoromethane	*82*		*75 - 126*		*04/08/24 15:36*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*04/08/24 15:36*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-9 Lab Sample ID: 400-253525-10

Date Collected: 03/27/24 13:14 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 16:01	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 16:01	1
Toluene	<1.0		1.0		ug/L			04/08/24 16:01	1
Xylenes, Total	<10		10		ug/L			04/08/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*72 - 130*		*04/08/24 16:01*	*1*
Dibromofluoromethane	*83*		*75 - 126*		*04/08/24 16:01*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*04/08/24 16:01*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-10 Lab Sample ID: 400-253525-11

Date Collected: 03/27/24 13:20 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 16:26	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 16:26	1
Toluene	<1.0		1.0		ug/L			04/08/24 16:26	1
Xylenes, Total	<10		10		ug/L			04/08/24 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*72 - 130*		*04/08/24 16:26*	*1*
Dibromofluoromethane	*83*		*75 - 126*		*04/08/24 16:26*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/08/24 16:26*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-11 Lab Sample ID: 400-253525-12

Date Collected: 03/27/24 13:26 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 16:50	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 16:50	1
Toluene	<1.0		1.0		ug/L			04/08/24 16:50	1
Xylenes, Total	<10		10		ug/L			04/08/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*72 - 130*		*04/08/24 16:50*	*1*
Dibromofluoromethane	*82*		*75 - 126*		*04/08/24 16:50*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/08/24 16:50*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: DUP-01 Lab Sample ID: 400-253525-13

Date Collected: 03/27/24 00:00 **Matrix: Water**
Date Received: 03/29/24 09:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/09/24 20:12	1
Ethylbenzene	**9.3**		1.0		ug/L			04/09/24 20:12	1
Toluene	**11**		1.0		ug/L			04/09/24 20:12	1
Xylenes, Total	**200**		10		ug/L			04/09/24 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*119*		*72 - 130*		*04/09/24 20:12*	*1*
Dibromofluoromethane	*91*		*75 - 126*		*04/09/24 20:12*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/09/24 20:12*	*1*

Definitions/Glossary

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

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 Federal #6A.00

Job ID: 400-253525-1

Client Sample ID: TB-01
Date Collected: 03/27/24 11:30
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 13:58	CAR	EET PEN

Client Sample ID: MW-1R
Date Collected: 03/27/24 11:45
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 14:23	CAR	EET PEN

Client Sample ID: MW-2
Date Collected: 03/27/24 12:00
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 14:49	CAR	EET PEN

Client Sample ID: MW-3
Date Collected: 03/27/24 12:10
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 15:14	CAR	EET PEN

Client Sample ID: MW-4
Date Collected: 03/27/24 12:30
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 15:39	CAR	EET PEN

Client Sample ID: MW-5
Date Collected: 03/27/24 12:38
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 13:05	CAR	EET PEN

Client Sample ID: MW-6
Date Collected: 03/27/24 12:50
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-7
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	8260D		1	5 mL	5 mL	667211	04/08/24 14:46	CAR	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

Client Sample ID: MW-7
Date Collected: 03/27/24 12:58
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-8
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	8260D		1	5 mL	5 mL	667211	04/08/24 15:11	CAR	EET PEN

Client Sample ID: MW-8
Date Collected: 03/27/24 13:06
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-9
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	8260D		1	5 mL	5 mL	667211	04/08/24 15:36	CAR	EET PEN

Client Sample ID: MW-9
Date Collected: 03/27/24 13:14
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 16:01	CAR	EET PEN

Client Sample ID: MW-10
Date Collected: 03/27/24 13:20
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 16:26	CAR	EET PEN

Client Sample ID: MW-11
Date Collected: 03/27/24 13:26
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-12
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	8260D		1	5 mL	5 mL	667211	04/08/24 16:50	CAR	EET PEN

Client Sample ID: DUP-01
Date Collected: 03/27/24 00:00
Date Received: 03/29/24 09:06

Lab Sample ID: 400-253525-13
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	8260D		1	5 mL	5 mL	667346	04/09/24 20:12	CAR	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-667140/7
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	8260D		1	5 mL	5 mL	667140	04/07/24 08:31	CAR	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

Client Sample ID: Method Blank
Lab Sample ID: MB 400-667211/7
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 12:38	CAR	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-667346/6
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667346	04/09/24 14:40	CAR	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-667140/1003
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667140	04/07/24 06:39	CAR	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-667211/1003
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 10:57	CAR	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-667346/1003
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667346	04/09/24 13:09	CAR	EET PEN

Client Sample ID: MW-5
Lab Sample ID: 400-253525-6 MS
Date Collected: 03/27/24 12:38
Matrix: Water
Date Received: 03/29/24 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 13:31	CAR	EET PEN

Client Sample ID: MW-5
Lab Sample ID: 400-253525-6 MSD
Date Collected: 03/27/24 12:38
Matrix: Water
Date Received: 03/29/24 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	667211	04/08/24 13:56	CAR	EET PEN

Laboratory References:
EET 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 Federal #6A.00

Job ID: 400-253525-1

GC/MS VOA

Analysis Batch: 667140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-253525-1	TB-01	Total/NA	Water	8260D	
400-253525-2	MW-1R	Total/NA	Water	8260D	
400-253525-3	MW-2	Total/NA	Water	8260D	
400-253525-4	MW-3	Total/NA	Water	8260D	
400-253525-5	MW-4	Total/NA	Water	8260D	
MB 400-667140/7	Method Blank	Total/NA	Water	8260D	
LCS 400-667140/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 667211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-253525-6	MW-5	Total/NA	Water	8260D	
400-253525-7	MW-6	Total/NA	Water	8260D	
400-253525-8	MW-7	Total/NA	Water	8260D	
400-253525-9	MW-8	Total/NA	Water	8260D	
400-253525-10	MW-9	Total/NA	Water	8260D	
400-253525-11	MW-10	Total/NA	Water	8260D	
400-253525-12	MW-11	Total/NA	Water	8260D	
MB 400-667211/7	Method Blank	Total/NA	Water	8260D	
LCS 400-667211/1003	Lab Control Sample	Total/NA	Water	8260D	
400-253525-6 MS	MW-5	Total/NA	Water	8260D	
400-253525-6 MSD	MW-5	Total/NA	Water	8260D	

Analysis Batch: 667346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-253525-13	DUP-01	Total/NA	Water	8260D	
MB 400-667346/6	Method Blank	Total/NA	Water	8260D	
LCS 400-667346/1003	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

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

Lab Sample ID: MB 400-667140/7
Matrix: Water
Analysis Batch: 667140

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/07/24 08:31	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/24 08:31	1
Toluene	<1.0		1.0		ug/L			04/07/24 08:31	1
Xylenes, Total	<10		10		ug/L			04/07/24 08:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*72 - 130*		*04/07/24 08:31*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*04/07/24 08:31*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*04/07/24 08:31*	*1*

Lab Sample ID: LCS 400-667140/1003
Matrix: Water
Analysis Batch: 667140

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.7		ug/L		91	70 - 130
m-Xylene & p-Xylene	50.0	57.2		ug/L		114	70 - 130
o-Xylene	50.0	56.5		ug/L		113	70 - 130
Ethylbenzene	50.0	54.9		ug/L		110	70 - 130
Toluene	50.0	49.1		ug/L		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 134*
4-Bromofluorobenzene	*111*		*72 - 130*
Dibromofluoromethane	*97*		*75 - 126*
Toluene-d8 (Surr)	*95*		*64 - 132*

Lab Sample ID: MB 400-667211/7
Matrix: Water
Analysis Batch: 667211

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 12:38	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 12:38	1
Toluene	<1.0		1.0		ug/L			04/08/24 12:38	1
Xylenes, Total	<10		10		ug/L			04/08/24 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*72 - 130*		*04/08/24 12:38*	*1*
Dibromofluoromethane	*91*		*75 - 126*		*04/08/24 12:38*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/08/24 12:38*	*1*

Lab Sample ID: LCS 400-667211/1003
Matrix: Water
Analysis Batch: 667211

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.0		ug/L		88	70 - 130

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-253525-1

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

Lab Sample ID: LCS 400-667211/1003
Matrix: Water
Analysis Batch: 667211

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene			50.0	51.9		ug/L		104	70 - 130		
o-Xylene			50.0	51.9		ug/L		104	70 - 130		
Ethylbenzene			50.0	50.7		ug/L		101	70 - 130		
Toluene			50.0	46.3		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 134*
4-Bromofluorobenzene	*117*		*72 - 130*
Dibromofluoromethane	*98*		*75 - 126*
Toluene-d8 (Surr)	*97*		*64 - 132*

Lab Sample ID: 400-253525-6 MS
Matrix: Water
Analysis Batch: 667211

Client Sample ID: MW-5
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	42.7		ug/L		85	56 - 142		
m-Xylene & p-Xylene	<5.0		50.0	51.0		ug/L		102	57 - 130		
o-Xylene	<5.0		50.0	51.6		ug/L		103	61 - 130		
Ethylbenzene	<1.0		50.0	50.1		ug/L		100	58 - 131		
Toluene	<1.0		50.0	45.7		ug/L		91	65 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 134*
4-Bromofluorobenzene	*116*		*72 - 130*
Dibromofluoromethane	*95*		*75 - 126*
Toluene-d8 (Surr)	*98*		*64 - 132*

Lab Sample ID: 400-253525-6 MSD
Matrix: Water
Analysis Batch: 667211

Client Sample ID: MW-5
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	37.2		ug/L		74	56 - 142	14	30
m-Xylene & p-Xylene	<5.0		50.0	46.5		ug/L		93	57 - 130	9	30
o-Xylene	<5.0		50.0	46.7		ug/L		93	61 - 130	10	30
Ethylbenzene	<1.0		50.0	45.4		ug/L		91	58 - 131	10	30
Toluene	<1.0		50.0	42.0		ug/L		84	65 - 130	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 134*
4-Bromofluorobenzene	*116*		*72 - 130*
Dibromofluoromethane	*93*		*75 - 126*
Toluene-d8 (Surr)	*100*		*64 - 132*

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

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

Lab Sample ID: MB 400-667346/6 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 667346

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/09/24 14:40	1
Ethylbenzene	<1.0		1.0		ug/L			04/09/24 14:40	1
Toluene	<1.0		1.0		ug/L			04/09/24 14:40	1
Xylenes, Total	<10		10		ug/L			04/09/24 14:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*72 - 130*		*04/09/24 14:40*	*1*
Dibromofluoromethane	*90*		*75 - 126*		*04/09/24 14:40*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*04/09/24 14:40*	*1*

Lab Sample ID: LCS 400-667346/1003 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 667346

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			50.0	44.1		ug/L		88	70 - 130		
m-Xylene & p-Xylene			50.0	52.2		ug/L		104	70 - 130		
o-Xylene			50.0	52.6		ug/L		105	70 - 130		
Ethylbenzene			50.0	51.3		ug/L		103	70 - 130		
Toluene			50.0	45.2		ug/L		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 134*
4-Bromofluorobenzene	*119*		*72 - 130*
Dibromofluoromethane	*98*		*75 - 126*
Toluene-d8 (Surr)	*93*		*64 - 132*

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

Chain of Custody Record

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Client Information	Sampler: SRC / DRU	Lab PM: Whitmire, Cheyenne R	400-253525 COC g No(s): -	COC No: 400-129033-41340.1
Client Contact: Joe Wiley	Phone: 913 980 0281	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 2
Company: El Paso Energy Corporation	PWSID:	Analysis Requested		Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Houston	TAT Requested (days): STD			Other:
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone: SAC	PO #: 1040030			
Email: joe.wiley@kindermorgan.com	WO #: Johnston Federal 6A_ERG_ARF_10_24_2023_			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			

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)	8260D - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A		
TB-01	3/27/2024	1130	G	Water	—	2	2	Trip Blank
MW-1R	3/27/2024	1145	G	Water	—	2	2	-
MW-2	3/27/2024	1200	G	Water	—	2	2	-
MW-3	3/27/2024	1210	G	Water	—	2	2	-
MW-4	3/27/2024	1230	G	Water	—	2	2	-
MW-5	3/27/2024	1238	G	Water	—	2	2	-
MW-6	3/27/2024	1250	G	Water	—	2	2	-
MW-7	3/27/2024	1258	G	Water	—	2	2	-
MW-8	3/27/2024	1306	G	Water	—	2	2	-
MW-9	3/27/2024	1314	G	Water	—	2	2	-
MW-10	3/27/2024	1320	G	Water	—	2	2	-

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jean R Clary	3-27-24 1530	STN			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: BP	Date/Time: 3/29/24 906	Company

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

Cooler Temperature(s) °C and Other Remarks: 3.4°C IR11

Ver: 06/08/2021

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

Chain of Custody Record

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Client Information	Sampler: SRC / DCU	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-129033-41340.2
Client Contact: Joe Wiley	Phone: 913 980 0291	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 2 of 2
Company: El Paso Energy Corporation	PWSID:			Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1040030			
Email: joe.wiley@kindermorgan.com	WO #: Johnston Federal 6A_ERG_ARF_10_24_2023_			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A		
MW-11	3/27/2024	1326	G	Water	—	2	2	—
DUP-01	3/27/2024	—	G	Water	—	2	2	—
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				
				Water				

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean R Clary	3-27-24 1530	STN	BP	3/29/24 906	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.4°C IR11

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc. Job Number: 400-253525-1

Login Number: 253525 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-253525-1
Project/Site: Johnston Federal #6A.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-25

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/31/2024 9:21:20 AM

JOB DESCRIPTION

Johnston Federal #6A.00

JOB NUMBER

400-256223-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization

Generated
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Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Laboratory Job ID: 400-256223-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project: Johnston Federal #6A.00

Job ID: 400-256223-1 Eurofins Pensacola

Job Narrative
400-256223-1

Receipt
The samples were received on 5/18/2024 8:32 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 2.1º C.

GC/MS VOA
Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1R (400-256223-3). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TB-01 Lab Sample ID: 400-256223-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-256223-2

No Detections.

Client Sample ID: MW-1R Lab Sample ID: 400-256223-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	57		1.0		ug/L	1		8260D	Total/NA
Toluene	34		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total - DL	670		50		ug/L	5		8260D	Total/NA

Client Sample ID: MW-2 Lab Sample ID: 400-256223-4

No Detections.

Client Sample ID: MW-3 Lab Sample ID: 400-256223-5

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-256223-6

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-256223-7

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-256223-8

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-256223-9

No Detections.

Client Sample ID: MW-8 Lab Sample ID: 400-256223-10

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-256223-11

No Detections.

Client Sample ID: MW-10 Lab Sample ID: 400-256223-12

No Detections.

Client Sample ID: MW-11 Lab Sample ID: 400-256223-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Method	Method Description	Protocol	Laboratory
8260D	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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256223-1	TB-01	Water	05/15/24 08:30	05/18/24 08:32
400-256223-2	DUP-01	Water	05/15/24 00:00	05/18/24 08:32
400-256223-3	MW-1R	Water	05/15/24 08:45	05/18/24 08:32
400-256223-4	MW-2	Water	05/15/24 08:52	05/18/24 08:32
400-256223-5	MW-3	Water	05/15/24 08:38	05/18/24 08:32
400-256223-6	MW-4	Water	05/15/24 09:01	05/18/24 08:32
400-256223-7	MW-5	Water	05/15/24 09:06	05/18/24 08:32
400-256223-8	MW-6	Water	05/15/24 09:11	05/18/24 08:32
400-256223-9	MW-7	Water	05/15/24 09:18	05/18/24 08:32
400-256223-10	MW-8	Water	05/15/24 09:24	05/18/24 08:32
400-256223-11	MW-9	Water	05/15/24 09:34	05/18/24 08:32
400-256223-12	MW-10	Water	05/15/24 09:40	05/18/24 08:32
400-256223-13	MW-11	Water	05/15/24 09:45	05/18/24 08:32

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Client Sample ID: TB-01

Date Collected: 05/15/24 08:30
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 11:33	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 11:33	1
Toluene	<1.0		1.0		ug/L			05/29/24 11:33	1
Xylenes, Total	<10		10		ug/L			05/29/24 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*72 - 130*		*05/29/24 11:33*	*1*
Dibromofluoromethane	*103*		*75 - 126*		*05/29/24 11:33*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/29/24 11:33*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: DUP-01
Date Collected: 05/15/24 00:00
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 11:57	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 11:57	1
Toluene	<1.0		1.0		ug/L			05/29/24 11:57	1
Xylenes, Total	<10		10		ug/L			05/29/24 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 11:57*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 11:57*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/29/24 11:57*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Client Sample ID: MW-1R
Date Collected: 05/15/24 08:45
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.7		1.0		ug/L			05/29/24 09:56	1
Ethylbenzene	57		1.0		ug/L			05/29/24 09:56	1
Toluene	34		1.0		ug/L			05/29/24 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*72 - 130*		*05/29/24 09:56*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/29/24 09:56*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*05/29/24 09:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	670		50		ug/L			05/29/24 15:12	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*72 - 130*		*05/29/24 15:12*	*5*
Dibromofluoromethane	*102*		*75 - 126*		*05/29/24 15:12*	*5*
Toluene-d8 (Surr)	*101*		*64 - 132*		*05/29/24 15:12*	*5*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-2 Lab Sample ID: 400-256223-4

Date Collected: 05/15/24 08:52 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 12:22	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 12:22	1
Toluene	<1.0		1.0		ug/L			05/29/24 12:22	1
Xylenes, Total	<10		10		ug/L			05/29/24 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 12:22*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*05/29/24 12:22*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/29/24 12:22*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-3 Lab Sample ID: 400-256223-5

Date Collected: 05/15/24 08:38 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 12:46	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 12:46	1
Toluene	<1.0		1.0		ug/L			05/29/24 12:46	1
Xylenes, Total	<10		10		ug/L			05/29/24 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*72 - 130*		*05/29/24 12:46*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/29/24 12:46*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/29/24 12:46*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Client Sample ID: MW-4

Date Collected: 05/15/24 09:01
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 13:11	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 13:11	1
Toluene	<1.0		1.0		ug/L			05/29/24 13:11	1
Xylenes, Total	<10		10		ug/L			05/29/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*72 - 130*		*05/29/24 13:11*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 13:11*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/29/24 13:11*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-5 Lab Sample ID: 400-256223-7

Date Collected: 05/15/24 09:06 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 13:35	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 13:35	1
Toluene	<1.0		1.0		ug/L			05/29/24 13:35	1
Xylenes, Total	<10		10		ug/L			05/29/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 13:35*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*05/29/24 13:35*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*05/29/24 13:35*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-6 Lab Sample ID: 400-256223-8

Date Collected: 05/15/24 09:11 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 13:59	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 13:59	1
Toluene	<1.0		1.0		ug/L			05/29/24 13:59	1
Xylenes, Total	<10		10		ug/L			05/29/24 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*72 - 130*		*05/29/24 13:59*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 13:59*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*05/29/24 13:59*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-7 Lab Sample ID: 400-256223-9

Date Collected: 05/15/24 09:18 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 14:24	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 14:24	1
Toluene	<1.0		1.0		ug/L			05/29/24 14:24	1
Xylenes, Total	<10		10		ug/L			05/29/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 14:24*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 14:24*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/29/24 14:24*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-8 Lab Sample ID: 400-256223-10

Date Collected: 05/15/24 09:24 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 14:48	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 14:48	1
Toluene	<1.0		1.0		ug/L			05/29/24 14:48	1
Xylenes, Total	<10		10		ug/L			05/29/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*72 - 130*		*05/29/24 14:48*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/29/24 14:48*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/29/24 14:48*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-9 Lab Sample ID: 400-256223-11

Date Collected: 05/15/24 09:34 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 16:50	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 16:50	1
Toluene	<1.0		1.0		ug/L			05/29/24 16:50	1
Xylenes, Total	<10		10		ug/L			05/29/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 16:50*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 16:50*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/29/24 16:50*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-10 Lab Sample ID: 400-256223-12

Date Collected: 05/15/24 09:40 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 17:14	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 17:14	1
Toluene	<1.0		1.0		ug/L			05/29/24 17:14	1
Xylenes, Total	<10		10		ug/L			05/29/24 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*72 - 130*		*05/29/24 17:14*	*1*
Dibromofluoromethane	*100*		*75 - 126*		*05/29/24 17:14*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/29/24 17:14*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-11 Lab Sample ID: 400-256223-13

Date Collected: 05/15/24 09:45 **Matrix: Water**
Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 17:39	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 17:39	1
Toluene	<1.0		1.0		ug/L			05/29/24 17:39	1
Xylenes, Total	<10		10		ug/L			05/29/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*72 - 130*		*05/29/24 17:39*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*05/29/24 17:39*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*05/29/24 17:39*	*1*

Definitions/Glossary

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

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. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TB-01 — Lab Sample ID: 400-256223-1
Date Collected: 05/15/24 08:30 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 11:33	LSS	EET PEN

Client Sample ID: DUP-01 — Lab Sample ID: 400-256223-2
Date Collected: 05/15/24 00:00 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 11:57	LSS	EET PEN

Client Sample ID: MW-1R — Lab Sample ID: 400-256223-3
Date Collected: 05/15/24 08:45 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 09:56	LSS	EET PEN
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	672962	05/29/24 15:12	LSS	EET PEN

Client Sample ID: MW-2 — Lab Sample ID: 400-256223-4
Date Collected: 05/15/24 08:52 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 12:22	LSS	EET PEN

Client Sample ID: MW-3 — Lab Sample ID: 400-256223-5
Date Collected: 05/15/24 08:38 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 12:46	LSS	EET PEN

Client Sample ID: MW-4 — Lab Sample ID: 400-256223-6
Date Collected: 05/15/24 09:01 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 13:11	LSS	EET PEN

Client Sample ID: MW-5 — Lab Sample ID: 400-256223-7
Date Collected: 05/15/24 09:06 **Matrix: Water**
Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 13:35	LSS	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Client Sample ID: MW-6
Date Collected: 05/15/24 09:11
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-8
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	8260D		1	5 mL	5 mL	672962	05/29/24 13:59	LSS	EET PEN

Client Sample ID: MW-7
Date Collected: 05/15/24 09:18
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-9
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	8260D		1	5 mL	5 mL	672962	05/29/24 14:24	LSS	EET PEN

Client Sample ID: MW-8
Date Collected: 05/15/24 09:24
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 14:48	LSS	EET PEN

Client Sample ID: MW-9
Date Collected: 05/15/24 09:34
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 16:50	LSS	EET PEN

Client Sample ID: MW-10
Date Collected: 05/15/24 09:40
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-12
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	8260D		1	5 mL	5 mL	672962	05/29/24 17:14	LSS	EET PEN

Client Sample ID: MW-11
Date Collected: 05/15/24 09:45
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-13
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	8260D		1	5 mL	5 mL	672962	05/29/24 17:39	LSS	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-672962/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672962	05/29/24 09:31	LSS	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-672962/1002
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	8260D		1	5 mL	5 mL	672962	05/29/24 08:08	LSS	EET PEN

Client Sample ID: MW-8
Date Collected: 05/15/24 09:24
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-10 MS
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	8260D		1	5 mL	5 mL	672962	05/29/24 15:37	LSS	EET PEN

Client Sample ID: MW-8
Date Collected: 05/15/24 09:24
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256223-10 MSD
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	8260D		1	5 mL	5 mL	672962	05/29/24 16:01	LSS	EET PEN

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 Federal #6A.00

Job ID: 400-256223-1

GC/MS VOA

Analysis Batch: 672962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256223-1	TB-01	Total/NA	Water	8260D	
400-256223-2	DUP-01	Total/NA	Water	8260D	
400-256223-3	MW-1R	Total/NA	Water	8260D	
400-256223-3 - DL	MW-1R	Total/NA	Water	8260D	
400-256223-4	MW-2	Total/NA	Water	8260D	
400-256223-5	MW-3	Total/NA	Water	8260D	
400-256223-6	MW-4	Total/NA	Water	8260D	
400-256223-7	MW-5	Total/NA	Water	8260D	
400-256223-8	MW-6	Total/NA	Water	8260D	
400-256223-9	MW-7	Total/NA	Water	8260D	
400-256223-10	MW-8	Total/NA	Water	8260D	
400-256223-11	MW-9	Total/NA	Water	8260D	
400-256223-12	MW-10	Total/NA	Water	8260D	
400-256223-13	MW-11	Total/NA	Water	8260D	
MB 400-672962/4	Method Blank	Total/NA	Water	8260D	
LCS 400-672962/1002	Lab Control Sample	Total/NA	Water	8260D	
400-256223-10 MS	MW-8	Total/NA	Water	8260D	
400-256223-10 MSD	MW-8	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-256223-1

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

Lab Sample ID: MB 400-672962/4
Matrix: Water
Analysis Batch: 672962

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/29/24 09:31	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/24 09:31	1
Toluene	<1.0		1.0		ug/L			05/29/24 09:31	1
Xylenes, Total	<10		10		ug/L			05/29/24 09:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*72 - 130*		*05/29/24 09:31*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*05/29/24 09:31*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/29/24 09:31*	*1*

Lab Sample ID: LCS 400-672962/1002
Matrix: Water
Analysis Batch: 672962

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	56.0		ug/L		112	70 - 130
m-Xylene & p-Xylene	50.0	59.7		ug/L		119	70 - 130
o-Xylene	50.0	58.2		ug/L		116	70 - 130
Ethylbenzene	50.0	58.2		ug/L		116	70 - 130
Toluene	50.0	57.0		ug/L		114	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 134*
4-Bromofluorobenzene	*110*		*72 - 130*
Dibromofluoromethane	*98*		*75 - 126*
Toluene-d8 (Surr)	*103*		*64 - 132*

Lab Sample ID: 400-256223-10 MS
Matrix: Water
Analysis Batch: 672962

Client Sample ID: MW-8
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	47.0		ug/L		94	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	42.7		ug/L		85	57 - 130
o-Xylene	<5.0		50.0	43.2		ug/L		86	61 - 130
Ethylbenzene	<1.0		50.0	42.1		ug/L		84	58 - 131
Toluene	<1.0		50.0	44.2		ug/L		88	65 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 134*
4-Bromofluorobenzene	*106*		*72 - 130*
Dibromofluoromethane	*100*		*75 - 126*
Toluene-d8 (Surr)	*102*		*64 - 132*

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

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

Lab Sample ID: 400-256223-10 MSD **Client Sample ID: MW-8**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 672962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	42.9		ug/L		86	56 - 142	9	30
m-Xylene & p-Xylene	<5.0		50.0	32.0		ug/L		64	57 - 130	29	30
o-Xylene	<5.0		50.0	34.1		ug/L		68	61 - 130	23	30
Ethylbenzene	<1.0		50.0	32.3		ug/L		65	58 - 131	26	30
Toluene	<1.0		50.0	37.5		ug/L		75	65 - 130	16	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 134*
4-Bromofluorobenzene	*110*		*72 - 130*
Dibromofluoromethane	*100*		*75 - 126*
Toluene-d8 (Surr)	*103*		*64 - 132*

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

Chain of Custody Record

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Client Information	Sampler: Emma Brady	Lab PM: Whitmire Cheyenne R	400-256223 COC ng No(s)	COC No: 400-130512-41340 1
Client Contact: Joe Wiley	Phone: 515-253-0830	E-Mail: Cheyenne Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2 ERB
Company: El Paso Energy Corporation	PWSID:	Analysis Requested		Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested: STD			Preservation Codes: A - HCL
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1040030			
Email: joe wiley@kindermorgan com	WO #: Johnston Federal #6A_ERG_ARF_5-1-2024			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - BTEX - 8260	Total Number of containers	Special Instructions/Note
			Preservation Code:				A		
TB-01	5/15/2024	0830	G	Water	N	N	X	2	
Dup-01	5/15/2024	—	G	Water	N	N	X	2	
mw-1R	5/15/2024	0845	G	Water	N	N	X	2	
mw-2	5/15/2024	0852	G	Water	N	N	X	2	
mw-3	5/15/2024	0838	G	Water	N	N	X	2	
mw-4	5/15/2024	0901	G	Water	N	N	X	2	
mw-5	5/15/2024	0906	G	Water	N	N	X	2	
mw-6	5/15/2024	0911	G	Water	N	N	X	2	
mw-7	5/15/2024	0918	G	Water	N	N	X	2	
mw-8	5/15/2024	0924	G	Water	N	N	X	2	
mw-9	5/15/2024	0934	G	Water	N	N	X	2	

ERB

ERB

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

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

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

Special Instructions/QC Requirements

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Emma Brady	5/16/2024 0600	STN			
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				5/18/24 8:32	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.1°C IR11

Ver: 06/08/2021

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

Chain of Custody Record

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Client Information	Sampler: Emma Brady	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-130512-41340 2
Client Contact: Joe Wiley	Phone: 575-253-0830	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2 ERB
Company: El Paso Energy Corporation	PWSID:			Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested: STD			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1040030			
Email: joe.wiley@kindermorgan com	WO #: Johnston Federal #6A_ERG_ARF_5-1-2024			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - BTEX - 8260	Total Number of containers	Special Instructions/Note
			Preservation Code:				A		
MW-10	5/15/2024	0940	G	Water	N	N	X	2	
MW-11	5/15/2024	0945	G	Water	N	N	X	2	
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

ERB

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

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

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

Special Instructions/QC Requirements

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5/16/2024 0600	STN			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time 5/18/24 8:32	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.1°C IR11

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc. Job Number: 400-256223-1

Login Number: 256223 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-256223-1
Project/Site: Johnston Federal #6A.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-25

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/18/2024 9:29:57 AM

JOB DESCRIPTION

Johnston Federal #6A.00

JOB NUMBER

400-261591-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization

Generated
9/18/2024 9:29:57 AM

Authorized for release by
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Designee for
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Laboratory Job ID: 400-261591-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project: Johnston Federal #6A.00

Job ID: 400-261591-1 Eurofins Pensacola

Job Narrative
400-261591-1

Receipt
The samples were received on 8/30/2024 10:02 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 0.0º C.

GC/MS VOA
Method 8260D: The following samples are duplicates of each other, but the results do not agree: MW-1R (400-261591-1) and DUP-1 (400-261591-2) Both samples were reanalyzed, and the results were confirmed.

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

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

Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-1R — Lab Sample ID: 400-261591-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	9.8		1.0		ug/L	1		8260D	Total/NA
Toluene	18		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	270		10		ug/L	1		8260D	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 400-261591-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1.2		1.0		ug/L	1		8260D	Total/NA
Toluene	1.4		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	19		10		ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-261591-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-261591-1

Method	Method Description	Protocol	Laboratory
8260D	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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-261591-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-261591-1	MW-1R	Water	08/29/24 13:05	08/30/24 10:02
400-261591-2	DUP-1	Water	08/29/24 00:00	08/30/24 10:02
400-261591-3	TRIP BLANK	Water	08/29/24 00:00	08/30/24 10:02

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-1R
Date Collected: 08/29/24 13:05
Date Received: 08/30/24 10:02

Lab Sample ID: 400-261591-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/10/24 21:54	1
Ethylbenzene	**9.8**		1.0		ug/L			09/10/24 21:54	1
Toluene	**18**		1.0		ug/L			09/10/24 21:54	1
Xylenes, Total	**270**		10		ug/L			09/10/24 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*72 - 130*		*09/10/24 21:54*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*09/10/24 21:54*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*09/10/24 21:54*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-261591-1

Client Sample ID: DUP-1
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 10:02

Lab Sample ID: 400-261591-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/10/24 22:21	1
Ethylbenzene	**1.2**		1.0		ug/L			09/10/24 22:21	1
Toluene	**1.4**		1.0		ug/L			09/10/24 22:21	1
Xylenes, Total	**19**		10		ug/L			09/10/24 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*72 - 130*		*09/10/24 22:21*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*09/10/24 22:21*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*09/10/24 22:21*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TRIP BLANK
Lab Sample ID: 400-261591-3
Date Collected: 08/29/24 00:00
Matrix: Water
Date Received: 08/30/24 10:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 16:03	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 16:03	1
Toluene	<1.0		1.0		ug/L			09/06/24 16:03	1
Xylenes, Total	<10		10		ug/L			09/06/24 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*72 - 130*		*09/06/24 16:03*	*1*
Dibromofluoromethane	*105*		*75 - 126*		*09/06/24 16:03*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*09/06/24 16:03*	*1*

Definitions/Glossary

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

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 Federal #6A.00

Job ID: 400-261591-1

Client Sample ID: MW-1R
Date Collected: 08/29/24 13:05
Date Received: 08/30/24 10:02

Lab Sample ID: 400-261591-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683939	09/10/24 21:54	IMC	EET PEN

Client Sample ID: DUP-1
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 10:02

Lab Sample ID: 400-261591-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683939	09/10/24 22:21	IMC	EET PEN

Client Sample ID: TRIP BLANK
Date Collected: 08/29/24 00:00
Date Received: 08/30/24 10:02

Lab Sample ID: 400-261591-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683610	09/06/24 16:03	IMC	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-683610/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683610	09/06/24 12:17	IMC	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-683939/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683939	09/10/24 13:26	IMC	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-683610/1002
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	8260D		1	5 mL	5 mL	683610	09/06/24 11:13	IMC	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-683939/1002
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	8260D		1	5 mL	5 mL	683939	09/10/24 12:18	IMC	EET PEN

Laboratory References:
EET 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 Federal #6A.00

Job ID: 400-261591-1

GC/MS VOA

Analysis Batch: 683610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-261591-3	TRIP BLANK	Total/NA	Water	8260D	
MB 400-683610/4	Method Blank	Total/NA	Water	8260D	
LCS 400-683610/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 683939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-261591-1	MW-1R	Total/NA	Water	8260D	
400-261591-2	DUP-1	Total/NA	Water	8260D	
MB 400-683939/4	Method Blank	Total/NA	Water	8260D	
LCS 400-683939/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-261591-1

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

Lab Sample ID: MB 400-683610/4
Matrix: Water
Analysis Batch: 683610

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 12:17	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 12:17	1
Toluene	<1.0		1.0		ug/L			09/06/24 12:17	1
Xylenes, Total	<10		10		ug/L			09/06/24 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 130*		*09/06/24 12:17*	*1*
Dibromofluoromethane	*105*		*75 - 126*		*09/06/24 12:17*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*09/06/24 12:17*	*1*

Lab Sample ID: LCS 400-683610/1002
Matrix: Water
Analysis Batch: 683610

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.8		ug/L		90	70 - 130
m-Xylene & p-Xylene	50.0	47.9		ug/L		96	70 - 130
o-Xylene	50.0	48.2		ug/L		96	70 - 130
Ethylbenzene	50.0	47.6		ug/L		95	70 - 130
Toluene	50.0	44.4		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*67 - 134*
4-Bromofluorobenzene	*94*		*72 - 130*
Dibromofluoromethane	*113*		*75 - 126*
Toluene-d8 (Surr)	*96*		*64 - 132*

Lab Sample ID: MB 400-683939/4
Matrix: Water
Analysis Batch: 683939

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/10/24 13:26	1
Ethylbenzene	<1.0		1.0		ug/L			09/10/24 13:26	1
Toluene	<1.0		1.0		ug/L			09/10/24 13:26	1
Xylenes, Total	<10		10		ug/L			09/10/24 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*72 - 130*		*09/10/24 13:26*	*1*
Dibromofluoromethane	*104*		*75 - 126*		*09/10/24 13:26*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*09/10/24 13:26*	*1*

Lab Sample ID: LCS 400-683939/1002
Matrix: Water
Analysis Batch: 683939

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.1		ug/L		90	70 - 130

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

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

Lab Sample ID: LCS 400-683939/1002 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 683939

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene			50.0	46.0		ug/L		92	70 - 130		
o-Xylene			50.0	45.9		ug/L		92	70 - 130		
Ethylbenzene			50.0	46.3		ug/L		93	70 - 130		
Toluene			50.0	46.6		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*67 - 134*
4-Bromofluorobenzene	*91*		*72 - 130*
Dibromofluoromethane	*96*		*75 - 126*
Toluene-d8 (Surr)	*97*		*64 - 132*

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

Chain of Custody Record

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Client Information	Sampler: Dru Lockamy / Scott Stanley	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): FEDEX	COC No: 400-132971-41340.1
Client Contact: Joe Wiley	Phone: 515-664-4602	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 1
Company: El Paso Energy Corporation	PWSID:			Job #: 193709989
Address: 1001 Louisiana Street Room S1905B	Due Date Requested: Standard			
City: Houston	TAT Requested (days): Standard			
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1040030			
Email: joe.wiley@kindermorgan.com	WO #: Johnston Federal6A_ERG_ARF_8-15-2024_			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			

Analysis Requested

400-261591 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8260D - BTEX - 8260	Special Instruction
			Preservation Code:			
MW-1R	8/29/24	1305	G	Water	X	
Dup-1	8/29/24	—	G	Water	X	
Trip Blank	8/29/24	—	G	Water	X	
				Water		
				Water		
				Water		

Preservation Codes: A - HCL

Other:

0.00 SHIPPING:
0.00 SPECIAL:
0.00 HANDLING:
0.00 TOTAL:

Date: 16Aug24
Wgt: 10.00 LBS
DV:

Ref: S400-132971
Dep:

Svc: PRIORITY OVERNIGHT Master 7252 0546 2352
TRCK: 7252 0546 2362

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Scott Stanley / Stantec	8/29/24 1445	Stantec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8.30.24 10:02	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.0 IR8

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc. Job Number: 400-261591-1

Login Number: 261591 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Roberts, Darrien

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

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-261591-1
Project/Site: Johnston Federal #6A.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	09-12-24

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/30/2024 10:06:23 AM

JOB DESCRIPTION

Johnston Federal #6A.00

JOB NUMBER

400-265785-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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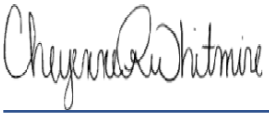
Authorization



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Authorized for release by
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Laboratory Job ID: 400-265785-1

Table of Contents

Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-265785-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: TB-01 Lab Sample ID: 400-265785-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-265785-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	7.7		1.0		ug/L	1		8260D	Total/NA
Toluene	5.3		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	140		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-1R Lab Sample ID: 400-265785-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	3.3		1.0		ug/L	1		8260D	Total/NA
Toluene	2.9		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	53		10		ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-265785-1

Method	Method Description	Protocol	Laboratory
8260D	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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-265785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-265785-1	TB-01	Water	11/09/24 15:45	11/12/24 09:24
400-265785-2	DUP-01	Water	11/09/24 12:00	11/12/24 09:24
400-265785-3	MW-1R	Water	11/09/24 16:10	11/12/24 09:24

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-265785-1

Client Sample ID: TB-01

Date Collected: 11/09/24 15:45
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 12:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 12:52	1
Toluene	<1.0		1.0		ug/L			11/21/24 12:52	1
Xylenes, Total	<10		10		ug/L			11/21/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*72 - 130*		*11/21/24 12:52*	*1*
Dibromofluoromethane	*113*		*75 - 126*		*11/21/24 12:52*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/21/24 12:52*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-265785-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: DUP-01
Date Collected: 11/09/24 12:00
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/24 12:24	1
Ethylbenzene	**7.7**		1.0		ug/L			11/22/24 12:24	1
Toluene	**5.3**		1.0		ug/L			11/22/24 12:24	1
Xylenes, Total	**140**		10		ug/L			11/22/24 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*72 - 130*		*11/22/24 12:24*	*1*
Dibromofluoromethane	*88*		*75 - 126*		*11/22/24 12:24*	*1*
Toluene-d8 (Surr)	*79*		*64 - 132*		*11/22/24 12:24*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-265785-1
Project/Site: Johnston Federal #6A.00

Client Sample ID: MW-1R
Date Collected: 11/09/24 16:10
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 17:25	1
Ethylbenzene	**3.3**		1.0		ug/L			11/21/24 17:25	1
Toluene	**2.9**		1.0		ug/L			11/21/24 17:25	1
Xylenes, Total	**53**		10		ug/L			11/21/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 130*		*11/21/24 17:25*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*11/21/24 17:25*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*11/21/24 17:25*	*1*

Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-265785-1

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 Federal #6A.00

Job ID: 400-265785-1

Client Sample ID: TB-01
Date Collected: 11/09/24 15:45
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 12:52	WPD	EET PEN

Client Sample ID: DUP-01
Date Collected: 11/09/24 12:00
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	692086	11/22/24 12:24	WPD	EET PEN

Client Sample ID: MW-1R
Date Collected: 11/09/24 16:10
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265785-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 17:25	WPD	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-691933/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 07:57	WPD	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-692086/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	692086	11/22/24 09:45	WPD	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-691933/1002
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	8260D		1	5 mL	5 mL	691933	11/21/24 07:00	WPD	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-692086/1002
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	8260D		1	5 mL	5 mL	692086	11/22/24 08:42	WPD	EET PEN

Laboratory References:
EET 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 Federal #6A.00

Job ID: 400-265785-1

GC/MS VOA

Analysis Batch: 691933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265785-1	TB-01	Total/NA	Water	8260D	
400-265785-3	MW-1R	Total/NA	Water	8260D	
MB 400-691933/4	Method Blank	Total/NA	Water	8260D	
LCS 400-691933/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 692086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265785-2	DUP-01	Total/NA	Water	8260D	
MB 400-692086/4	Method Blank	Total/NA	Water	8260D	
LCS 400-692086/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #6A.00

Job ID: 400-265785-1

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

Lab Sample ID: MB 400-691933/4
Matrix: Water
Analysis Batch: 691933

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 07:57	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 07:57	1
Toluene	<1.0		1.0		ug/L			11/21/24 07:57	1
Xylenes, Total	<10		10		ug/L			11/21/24 07:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 130*		*11/21/24 07:57*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/21/24 07:57*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/21/24 07:57*	*1*

Lab Sample ID: LCS 400-691933/1002
Matrix: Water
Analysis Batch: 691933

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	52.9		ug/L		106	70 - 130
m-Xylene & p-Xylene	50.0	50.8		ug/L		102	70 - 130
o-Xylene	50.0	53.2		ug/L		106	70 - 130
Ethylbenzene	50.0	54.7		ug/L		109	70 - 130
Toluene	50.0	55.5		ug/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*67 - 134*
4-Bromofluorobenzene	*97*		*72 - 130*
Dibromofluoromethane	*94*		*75 - 126*
Toluene-d8 (Surr)	*97*		*64 - 132*

Lab Sample ID: MB 400-692086/4
Matrix: Water
Analysis Batch: 692086

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/24 09:45	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/24 09:45	1
Toluene	<1.0		1.0		ug/L			11/22/24 09:45	1
Xylenes, Total	<10		10		ug/L			11/22/24 09:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*72 - 130*		*11/22/24 09:45*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*11/22/24 09:45*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*11/22/24 09:45*	*1*

Lab Sample ID: LCS 400-692086/1002
Matrix: Water
Analysis Batch: 692086

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	50.4		ug/L		101	70 - 130

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-265785-1
Project/Site: Johnston Federal #6A.00

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

Lab Sample ID: LCS 400-692086/1002 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 692086

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene			50.0	49.0		ug/L		98	70 - 130		
o-Xylene			50.0	50.4		ug/L		101	70 - 130		
Ethylbenzene			50.0	52.4		ug/L		105	70 - 130		
Toluene			50.0	52.8		ug/L		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*67 - 134*
4-Bromofluorobenzene	*100*		*72 - 130*
Dibromofluoromethane	*94*		*75 - 126*
Toluene-d8 (Surr)	*104*		*64 - 132*

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Sean Clary	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-134751-41340.1
Client Contact: Joe Wiley	Phone: 913 980 0281	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 1
Company: El Paso Energy Corporation	PWSID:			Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77002	Compliance Project: Δ Yes Δ No			
Phone: 515 253 0830	PO #: 1040030			
Email: joe.wiley@kindermorgan.com	WO #: Johnston Federal6A_ERG_ARF_10-25-2024_			
Project Name: Johnston Federal #6A.00	Project #: 40015823			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

400-265785 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	8260D - BTEX - 8260	Special Instructions/Note:
TB-01	11-9-2024	1545	G	Water		2	
DUP-01	11-9-2024	—	G	Water		2	
MW-1R	11-9-2024	1610	G	Water		2	
				Water			
				Water			
				Water			
				Water			
				Water			

STAT STAT

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean R Clary	11-11-2024 1000	STN			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/12/24 9:24	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0 IR11

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc. Job Number: 400-265785-1

Login Number: 265785 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-265785-1
Project/Site: Johnston Federal #6A.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-25

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 443953

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 443953
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	6/26/2025
amaxwell	Approved to continue quarterly monitoring and sampling.	6/26/2025
amaxwell	Submit a C-141N prior to all monitoring and sampling events.	6/26/2025