



2025 ANNUAL GROUNDWATER REPORT – Johnston Federal #4

San Juan County, New Mexico

NMOCD Incident No.
nAUTOfAB000305

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ABBREVIATIONS AND ACRONYMS

µg/L	micrograms per liter
AS	air sparge
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
cy	cubic yard
Agua Moss	Agua Moss, LLC
EPA	United States Environmental Protection Agency
Eurofins Albuquerque	Eurofins Environment Testing South Central, LLC
Eurofins Pensacola	Eurofins Environment Testing Southeast, LLC
EPCGP	El Paso CGP Company
HAP	Hazardous Air Pollutant
Hilcorp	Hilcorp Energy
HMI	Human-Machine Interface
HydraSleeve	HydraSleeve™
LEL	lower explosive limit
LNAPL	light non-aqueous phase liquid
MDPE	mobile dual-phase extraction
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
O&M	operation and maintenance
PID	photoionization detector
ppmv	parts per million by volume
Remediation Plan	<i>“Remediation Plan for Groundwater Encountered During Pit Closure Activities”</i>
RWP	<i>“Remediation Work Plan”</i>
Stantec	Stantec Consulting Services Inc.
SVE	soil vapor extraction
TPH	total petroleum hydrocarbons
VFD	variable frequency drive
VOC	volatile organic compound

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1.0 INTRODUCTION

This 2025 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 2025 at the Johnston Federal #4 site (site; Meter Code 70194), located at Unit N, Section 27, Township 31 North, Range 9 West, in San Juan County, New Mexico. The location of the site is Latitude 36.862800, Longitude -107.771983, as depicted in Figure 1. The site has been assigned Incident Number nAUTOfAB000305 by the New Mexico Oil Conservation Division (NMOCD).

2.0 SITE BACKGROUND

Environmental remediation activities at the 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 (Hilcorp) and is active.

The site is located on private/fee land. An initial site assessment was completed in August 1994, and an excavation of 60 cubic yards (cy) to a depth of approximately 12 feet below ground surface (bgs) was completed in September 1994. Monitoring wells were installed in 1995 (MW-1, MW-2, MW-3), 2006 (MW-4 and MW-5), 2013 (MW-6 through MW-12), 2014 (MW-13 through MW-20), 2020 (MW-21 through MW-23), and 2022 (MW-24 and MW-25). Remediation wells were installed in 2018 (TW-1, TW-2, and SVE-1), 2020 (AS-3 through AS-22 and SVE-2 through SVE-8), and 2022 (SVE-9 through SVE-12). Temporary monitoring well TMW-5 was plugged and abandoned in 2014. 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 and 2018. LNAPL is present at the site, and manual recovery has been performed periodically since 2020. An LNAPL skimmer system was installed at MW-21 in 2022 to enhance LNAPL recovery at this location. The skimmer was removed from the site on July 19, 2024, after LNAPL recharge in MW-21 became negligible.

Installation of an air sparge/soil vapor extraction (AS/SVE) system was initiated in 2021 with the installation of conveyance piping to connect to the existing AS wells and SVE wells SVE-1 through SVE-8. A natural gas service line was installed from the Hilcorp wellhead meter house to the future equipment compound in 2023. Additional SVE conveyance piping was also installed to connect to SVE wells SVE-9 through SVE-12 in

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2023. A thermal oxidizer/SVE system, generator, and supporting equipment and piping was installed in the system compound in 2024.

Currently, groundwater sampling of key monitoring wells not containing LNAPL is conducted on a semi-annual basis, and biennially from all EPCGP monitoring wells not containing LNAPL.

3.0 SVE SYSTEM OPERATION ACTIVITIES

A summary of 2025 SVE system operation is included as Appendix B. Stantec provided field work notifications via email to the NMOCD on February 7, 2025, prior to initiating troubleshooting activities associated with complications caused by the use of the Variable Frequency Drive (VFD) for soft-starting and modulation of the electric motor driving the SVE blower with the natural gas generator (Appendix C). On February 11, 2025, an electrical load bank was used to test the generator output. A mobile diesel generator was also tested with the equipment without the VFD faults occurring.

The load testing results did not identify the cause of the VFD errors; however, based on the persistent VFD voltage-related faults and the fact that the system functioned with a diesel generator, installation of a line reactor was recommended to rectify the electrical input to the VFD. On February 12, 2025, a line reactor was installed on the generator side of the VFD to smooth the input voltage/frequency. Once the hardware and troubleshooting were complete, the system was started up for continuous operation on February 13, 2025.

From February 13 to April 24, 2025, the SVE system ran intermittently, as shown in Appendix B. During this time, numerous generator-related issues occurred requiring repair and eventually resulting in removal of the generator from the site. It was determined the generator was underloaded during normal operation and that a smaller generator was warranted, given the ability of the VFD to soft-start the system. Stantec provided notification via email to the NMOCD on April 29, 2025, that the system had shut down and the generator would be removed from the site for repair (Appendix C). The generator was removed from the site on May 19, 2025, repaired, and returned to the site May 23, 2025, to resume operation.

SVE operation continued from May 23 through July 21, 2025, with technicians optimizing system uptime. On July 20 or 21, the generator began experiencing numerous shutdowns caused by high-frequency alarms. After troubleshooting by the generator contractor and electrician, it was determined the generator was sustaining excessive wear from underloading. Stantec began the process of identifying a replacement generator.

On October 20, 2025, Stantec oversaw the removal of the original generator and replacement with a smaller rental generator sourced from the generator maintenance contractor. From October 20 through December 16, 2025, the system was operated intermittently with multiple shutdowns occurring. The primary issues were 1) the generator shutting off and 2) new VFD faults. The generator shutoffs were caused by inadequate governance, and a governor was sourced for installation in early 2026. The VFD issues

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were caused by frequency/voltage fluctuations when alternator speed fluctuated as the generator governor adjusted fuel/air mixture. During this time, the Human-Machine Interface (HMI) local display was found to be inoperable. The system was shut down on December 23, 2025, with troubleshooting, installation, and programming of a replacement HMI and system restart completed in early 2026.

The above summarizes the 2025 troubleshooting and operation and maintenance (O&M) efforts for the thermal oxidizer, during which time SVE was performed using SVE-1 through SVE-4, generally. Once the system is operating reliably and closer to the blower capacity, with more wells in use simultaneously, routine O&M activities will be presented in a summary table.

Pursuant to the approved November 2023 "Remediation Work Plan" (RWP; Stantec, 2023), quarterly vapor samples were collected (when the system was operational) from SVE process air prior to entering the thermal oxidizer and from the treatment stack on February 13, May 24, and November 16, 2025.

The vapor samples were collected directly into laboratory-supplied Tedlar® bags. Following collection, the samples were delivered by courier to Eurofins Environment Testing South Central, LLC in Albuquerque, New Mexico (Eurofins Albuquerque), for analysis using United States Environmental Protection Agency (EPA) TO-15 for the presence of volatile organic compounds (VOCs) and EPA Method TO-3 for total petroleum hydrocarbons (TPH) to quantify mass removal and confirm destruction efficiency. The vapor laboratory reports are included in Appendix D. Generally, for each period between samples, the previous laboratory result is used for estimation, except where remote adjustments to the system have been made to increase vapor concentration and correlation could be drawn from the inline lower explosive limit (LEL) monitor. During part of the initial troubleshooting (approximately March 11 through March 23, 2025), the parts per million by volume (ppmv) measurement from a calibrated photoionization detector (PID) was used to estimate VOC mass, since the dilution air valve had been opened further after collecting vapor samples.

As shown in Appendix B, approximately 4,809 pounds of TPH equivalent mass was removed and destroyed in 2025. The SVE system was operated for approximately 3,143 hours (40.8 percent [%] of the time) between February 13 and December 31, 2025.

Also depicted in Appendix B, only an estimated 2.4 pounds of VOC mass were emitted from the SVE system in 2025, based on the laboratory analytical results. This is orders of magnitude below the 10-ton threshold of any single Hazardous Air Pollutant (HAP) or 25-ton threshold of all HAPs specified in Title V of the Clean Air Act Title V operating permits program. The primary HAPs of concern (benzene, toluene, ethylbenzene, and xylenes [BTEX]) are captured in TO-3 analysis. However, the TO-15 results included in the laboratory analysis confirm that quantities of these HAPs (and other VOCs) in treated vapors are negligible. The destruction efficiency of the thermal oxidizer ranged from 99.95% to 99.97% in 2025, based on TPH destruction. Vapor sampling will continue on a quarterly basis in 2026 when the SVE system is operational.

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4.0 GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications via email (February 7, March 19, and May 13, 2025) or online C-141N notification (July 30 and November 5, 2025) to the NMOCD prior to initiating groundwater sampling activities at the site (Appendix C).

Groundwater monitoring and sampling was completed on May 19 and November 16, 2025. Water levels were gauged at MW-1 through MW-25 during the May and November 2025 sampling events. During the May 2025 sampling event, monitoring wells MW-6, MW-9, MW-13, MW-15 through MW-20, and MW-23 through MW-25 were sampled. During the November 2025 sampling event, monitoring wells MW-1 through MW-4, MW-6, MW-9 through MW-20, and MW-22 through MW-25 were sampled.

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 to sample the interval expected to be the most transmissive within the saturated screen interval. If an apparent transmissive unit was not evident, the HydraSleeve was set 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 in Pensacola, Florida (Eurofins Pensacola), where they were analyzed for BTEX using EPA Method 8260. One laboratory-supplied trip blank and one blind field duplicate (two in November 2025) were also collected during each groundwater sampling event.

The unused sample water was combined in a waste container and transported to the Agua Moss, LLC (Agua Moss) facility in Bloomfield, New Mexico, for disposal. Waste disposal documentation is included in Appendix E.

5.0 LNAPL RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly LNAPL recovery activities beginning in the second calendar quarter of 2020. Documentation of NMOCD notification of site LNAPL recovery activities in 2025 is provided in Appendix C.

LNAPL recovery data is summarized in Table 1. LNAPL was observed and recovered in monitoring wells MW-7, MW-8, MW-11, and MW-21 during all four site visits in 2025.

During the groundwater sampling site visits in May and November 2025, recovered LNAPL was disposed of with wastewater generated during the monitoring well sampling activities. Recovered fluids from the March and August 2025 site visits were disposed at Agua Moss (Appendix E).

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The LNAPL skimmer installed in monitoring well MW-21 in 2022 was removed, as described previously, due to insufficient LNAPL recharge for operation.

6.0 GROUNDWATER RESULTS

Well gauging data and historical groundwater analytical results are summarized in Tables 2 and 3, respectively. Groundwater analytical data maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2025 groundwater sampling and gauging events. The groundwater analytical laboratory reports are included as Appendix F. 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 east-southeast during 2025 (see Figures 4 and 6).
- LNAPL was observed in MW-7, MW-8, and MW-21 during the March, May, August, and November 2025 sampling events; therefore, no groundwater samples were collected at these locations.
- At least one groundwater sample collected in 2025 from MW-1, MW-9, MW-15, MW-16, MW-17, MW-20, and MW-22 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [$\mu\text{g/L}$]) for benzene in groundwater. Concentrations of benzene in the remaining samples collected from site monitoring wells in 2025 were either below the NMWQCC standard or were not detected.
- Concentrations of toluene in site monitoring wells sampled in 2025 were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in the site monitoring wells sampled in 2025.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in the site monitoring wells sampled in 2025.
- At least one groundwater sample collected in 2025 from MW-22 exceeded the NMWQCC standard (620 $\mu\text{g/L}$) for total xylenes in groundwater. Concentrations of total xylenes in the remaining samples collected from site monitoring wells in 2025 were either below the NMWQCC standard (620 $\mu\text{g/L}$) or were not detected.
- A field duplicate was collected from monitoring well MW-18 in May 2025 and from MW-1 and MW-22 in November 2025. There were no significant differences between the primary and duplicate samples in 2025.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2025 groundwater monitoring events.

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7.0 PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will continue to be conducted on a semi-annual basis, from a selection of site monitoring wells, which provides an adequate representation of site conditions. Groundwater samples will be collected from key monitoring wells not containing LNAPL on a semi-annual basis and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event. Sampling of the 24 site monitoring wells is to be conducted in the fourth calendar quarter of 2026.

Further troubleshooting of the SVE system is planned for early 2026. O&M activities will be conducted in accordance with the RWP. Manual recovery of LNAPL will continue on a quarterly basis from monitoring wells where measurable LNAPL is present.

Quarterly status reports will be prepared and submitted beginning the first calendar quarter of 2026 to provide updates on remediation activities and results. The activities conducted in 2026, and their results, will be summarized in the 2026 Annual Groundwater Report, to be completed for submittal by April 1, 2027.

TABLES

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #4

Well ID - MW-1	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/16/2016	51.61	51.68	0.07	0.01	<0.01	manual
5/25/2016	51.58	51.61	0.03	0	0	No Recovery
10/12/2016	51.71	51.73	0.02	<0.01	<0.01	manual
12/13/2016	51.80	51.81	0.01	<0.01	<0.01	manual
6/9/2017	51.76	51.78	0.02	<0.01	<0.01	manual
7/15/2017	51.85	51.87	0.02	15.6	790	MDPE*
11/12/2017	51.85	51.86	0.01	<0.01	<0.01	manual
5/16/2018	51.83	51.97	0.14	0.02	NR	manual
7/15/2018	51.64	51.75	0.11	19.7	285	MDPE*
5/22/2019	51.85	51.96	0.11	<0.01	NR	manual
11/12/2019	51.93	51.95	0.02	0.01	<0.01	manual
5/17/2020	52.03	52.05	0.02	<0.01	<0.01	manual
8/19/2020	52.10	52.11	0.01	<0.01	0.2	manual
11/13/2020	52.14	52.15	0.01	<0.01	0.1	manual
5/18/2021	52.23	52.24	0.01	<0.01	0.1	manual
8/22/2021	ND	52.23	0.00	0.00	0.05	manual
11/5/2022	52.05	52.06	0.01	<0.01	0.09	manual
Total:				35.3	1076	

Well ID - MW-3	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/16/2016	51.20	51.90	0.70	0.83	<0.01	manual
5/25/2016	51.26	51.61	0.35	0.20	<0.01	manual
6/20/2016	NM	NM	0.22	0.20	0.01	manual
7/22/2016	NM	NM	0.22	0.11	0.01	manual
11/15/2016	51.70	51.71	0.01	<0.01	<0.01	manual
11/30/2016	51.58	51.79	0.21	5.9	168	MDPE*
6/9/2017	51.50	51.52	0.02	<0.01	<0.01	manual
7/15/2017	ND	51.77	ND	7.1	760	MDPE*
11/12/2017	51.54	51.55	0.01	<0.01	<0.01	manual
5/16/2018	51.47	52.05	0.58	0.22	NR	manual
7/15/2018	ND	51.77	ND	15.5	709	MDPE*
5/22/2019	51.79	52.02	0.23	0.03	NR	manual
11/12/2019	51.84	51.89	0.05	0.07	0.18	manual
5/17/2020	51.96	52.12	0.16	0.11	0.66	manual
8/19/2020	52.04	52.14	0.10	0.03	1.02	manual
11/13/2020	52.10	52.12	0.02	<0.01	0.1	manual
3/18/2021	52.19	52.26	0.07	0.03	0.48	manual
5/18/2021	52.21	52.25	0.04	0.02	0.13	manual
8/22/2021	52.23	52.27	0.04	<0.01	0.21	manual
11/15/2021	52.27	52.32	0.05	<0.01	0.53	manual

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #4

Well ID - MW-3 (cont.)	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
5/20/2022	52.29	52.33	0.04	<0.01	0.12	manual
7/30/2022	52.32	52.34	0.02	<0.01	0.13	manual
11/5/2022	52.04	52.05	0.01	<0.01	0.09	manual
Total:				30.4	1641	

Well ID - MW-7	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
5/16/2018	50.98	51.86	0.88	0.33	NR	manual
7/15/2018	51.03	51.82	0.79	16.0	310	MDPE*
10/26/2018	51.13	51.14	0.01	<0.01	0.13	manual
5/22/2019	51.29	51.82	0.53	0.09	NR	manual
11/12/2019	51.28	52.08	0.80	0.26	0.29	manual
5/15/2020	51.33	52.21	0.88	0.39	0.48	manual
8/19/2020	51.42	52.30	0.88	0.31	1.2	manual
11/13/2020	51.43	52.34	0.91	0.28	1.1	manual
3/18/2021	51.20	51.53	0.33	0.23	0.55	manual
5/18/2021	51.52	52.41	0.89	0.25	0.17	manual
8/22/2021	51.72	52.03	0.31	0.03	0.5	manual
11/15/2021	51.80	51.94	0.14	<0.01	0.85	manual
3/23/2022	51.86	51.92	0.06	<0.01	0.11	manual
5/20/2022	51.83	51.88	0.05	<0.01	0.05	manual
7/30/2022	51.87	51.90	0.03	<0.01	0.03	manual
11/5/2022	51.59	51.60	0.01	<0.01	0.14	manual
3/28/2023	51.28	51.79	0.51	0.23	1.25	manual
5/19/2023	51.30	51.61	0.31	0.05	0.23	manual
8/30/2023	51.22	51.49	0.27	0.09	2.19	manual
11/11/2023	51.31	51.34	0.03	<0.01	0.21	manual
3/27/2024	51.33	51.40	0.07	0.01	0.37	manual
5/15/2024	51.32	51.44	0.12	0.02	0.17	manual
8/30/2024	50.68	51.43	0.75	0.07	0.31	manual
11/9/2024	51.50	51.65	0.15	0.02	0.5	manual
3/23/2025	51.58	51.68	0.10	0.01	0.65	manual
5/19/2025	51.64	51.65	0.01	<0.01	0.13	manual
11/16/2025	51.78	51.80	0.02	0.01	0.05	manual
Total:				18.7	322	

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #4

Well ID - MW-8	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/16/2016	50.68	51.44	0.76	0.55	<0.01	manual
4/20/2016	50.71	51.42	0.71	0.33	0.01	manual
5/25/2016	50.68	51.43	0.75	0.21	<0.01	manual
6/20/2016	NM	NM	0.25	0.23	0.01	manual
7/22/2016	NM	NM	0.41	0.29	0.01	manual
8/17/2016	NM	NM	0.65	0.27	<0.01	manual
10/12/2016	50.81	51.52	0.71	0.32	0.03	manual
11/15/2016	51.00	51.60	0.60	0.33	0.02	manual
12/13/2016	NM	NM	0.01	<0.01	<0.01	manual
6/9/2017	51.01	51.11	0.10	<0.01	<0.01	manual
7/15/2017	50.68	52.28	1.60	46.5	2596	MDPE*
7/18/2017	51.15	51.71	0.56	44.4	3231	MDPE*
11/12/2017	50.78	50.82	0.04	<0.01	<0.01	manual
5/16/2018	50.90	51.83	0.93	0.53	NR	manual
7/15/2018	51.13	52.51	1.38	39.0	1521	MDPE*
5/22/2019	51.09	52.12	1.03	0.36	NR	manual
11/12/2019	51.15	52.74	1.59	0.48	0.26	manual
5/17/2020	51.23	52.41	1.18	0.82	0.52	manual
8/19/2020	51.30	52.53	1.23	0.77	1.23	manual
11/13/2020	51.36	52.53	1.17	0.69	1.1	manual
3/18/2021	51.20	51.80	0.60	0.42	0.16	manual
5/18/2021	51.60	51.98	0.38	0.04	0.06	manual
8/22/2021	51.55	52.39	0.84	0.35	0.24	manual
11/15/2021	51.59	52.44	0.85	0.43	0.53	manual
3/23/2022	51.60	52.59	0.99	0.40	0.15	manual
5/20/2022	51.61	52.42	0.81	0.24	0.07	manual
7/30/2022	51.70	52.28	0.58	0.13	0.35	manual
11/5/2022	51.51	51.78	0.27	0.08	0.51	manual
3/28/2023	51.34	51.44	0.10	0.03	0.53	manual
5/19/2023	51.31	51.42	0.11	0.03	0.08	manual
8/30/2023	51.23	51.37	0.14	0.02	1.27	manual
11/11/2023	51.26	51.37	0.11	0.01	0.10	manual
3/27/2024	51.29	51.36	0.07	0.02	0.04	manual
5/15/2024	51.31	51.38	0.07	0.01	0.08	manual
8/30/2024	51.41	51.50	0.09	0.02	0.15	manual
8/30/2024	51.48	51.51	0.03	<0.01	0.29	manual
3/23/2025	51.56	51.62	0.06	0.01	0.10	manual
5/19/2025	51.60	51.64	0.04	<0.01	0.06	manual
8/6/2025	51.66	51.71	0.05	<0.01	0.18	manual
11/16/2025	51.74	51.77	0.03	0.01	0.08	manual
			Total:	138	7356	

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #4

Well ID - MW-11	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/16/2016	51.51	51.80	0.29	0.45	<0.01	manual
5/25/2016	51.26	51.61	0.35	0.08	0.13	manual
6/20/2016	NM	NM	0.02	0.07	<0.01	manual
7/22/2016	NM	NM	0.22	0.16	0.01	manual
10/12/2016	51.68	51.80	0.12	0.03	<0.01	manual
11/15/2016	51.80	51.81	0.01	<0.01	<0.01	manual
12/13/2016	51.80	51.83	0.03	<0.01	<0.01	manual
6/9/2017	51.22	53.24	2.02	4.0	<0.01	manual
7/16/2017	51.29	53.13	1.84	29.2	464	MDPE*
11/12/2017	51.52	51.54	0.02	<0.01	<0.01	manual
5/16/2018	51.70	52.04	0.34	0.55	NR	manual
7/15/2018	51.82	52.52	0.70	64.3	350	MDPE*
5/22/2019	51.89	52.23	0.34	<0.01	NR	manual
11/12/2019	51.94	52.53	0.59	0.34	0.32	manual
8/19/2020	52.27	52.35	0.08	0.06	0.62	manual
11/13/2020	52.32	52.33	0.01	<0.01	0.10	manual
8/22/2021	52.45	52.45	<0.01	<0.01	0.03	manual
3/27/2024	51.96	52.04	0.08	0.01	0.11	manual
5/15/2024	51.94	52.19	0.25	0.12	0.31	manual
8/30/2024	52.00	52.46	0.46	0.24	0.38	manual
11/9/2024	52.16	52.21	0.05	0.03	0.37	manual
Total:				99.6	816	

Well ID - MW-21	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
11/13/2020	50.10	50.55	0.45	0.59	0.04	manual
3/18/2021	50.18	50.50	0.32	0.41	0.33	manual
5/18/2021	50.21	51.16	0.95	0.95	0.35	manual
8/22/2021	50.25	51.25	1.00	0.89	0.69	manual
11/15/2021	50.24	51.38	1.14	1.11	1.01	manual
3/23/2022	50.28	51.42	1.14	1.21	0.46	manual
5/20/2022	50.32	51.17	0.85	0.71	0.21	manual
7/31/2022	50.36	51.16	0.80	0.50	0.15	manual
8/1/2022	50.44	50.94	0.50	0.15	0.07	manual
8/27/2022	50.50	50.88	0.38	1.50	0.00	Solar Skimmer**
10/14/2022	50.39	50.42	0.03	<0.01	0.00	Solar Skimmer**
2/16/2023	50.15	50.35	0.20	<0.01	0.00	Solar Skimmer**
3/28/2023	50.09	50.11	0.02	1.83	0.00	Solar Skimmer**
4/20/2023	ND	50.10	NC	0.84	0.00	Solar Skimmer**
5/19/2023	50.10	50.13	0.03	1.25	0.00	Solar Skimmer**

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY
Johnston Federal #4

Well ID - MW-21 (Cont.)	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
6/28/2023	50.04	50.05	0.01	0.41	0.00	Solar Skimmer**
7/26/2023	50.03	50.06	0.03	0.84	0.00	Solar Skimmer**
8/30/2023	50.00	50.03	0.03	NM	0.00	Solar Skimmer**
11/11/2023	50.05	50.08	0.03	1.66	0.00	Solar Skimmer**
11/29/2023	NM	NM	NC	NM	0.00	Solar Skimmer**
5/15/2024	50.08	50.09	0.01	<0.01	0.13	manual
8/30/2024	51.14	51.21	0.07	<0.01	0.13	manual
11/9/2024	50.21	50.29	0.08	0.02	0.24	manual
3/23/2025	50.28	50.34	0.06	0.01	0.21	manual
5/19/2025	50.33	50.38	0.05	0.01	0.10	manual
8/6/2025	50.34	50.55	0.21	0.03	0.15	manual
11/16/2025	50.44	50.52	0.08	0.02	0.15	manual
			Total:	14.9	4.4	

Well ID - MW-22	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
5/17/2020	49.57	49.58	0.01	<0.01	0.03	manual
8/19/2020	49.55	49.94	0.39	0.03	0.41	manual
11/13/2020	49.79	49.95	0.16	0.05	0.03	manual
3/18/2021	49.80	50.00	0.20	0.05	0.29	manual
5/18/2021	49.65	50.09	0.44	0.04	0.04	manual
8/22/2021	49.72	50.10	0.38	0.05	0.48	manual
3/23/2022	49.82	50.08	0.26	0.03	0.19	manual
7/31/2022	49.87	49.92	0.05	<0.01	0.05	manual
8/1/2022	49.87	49.93	0.06	0.00	0.00	manual
11/5/2022	49.60	49.61	0.01	<0.01	0.13	manual
8/30/2023	49.31	49.32	0.01	<0.01	0.12	manual
			Total:	0.3	1.8	

Notes:

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

ND = Not Detected.

NC = Not Calculated.

* = Mobile Dual Phase Extraction (DPE) includes calculated recovered hydrocarbon vapors.

** = Skimmer LNAPL volume includes entrained water collected during operation.

NR = Data not recorded.

gal = Gallons.

LNAPL = Light non-aqueous phase liquid.

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

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	08/08/95	6073.24	NR	50.08		6023.16
MW-1	01/04/96	6073.24	NR	50.23		6023.01
MW-1	12/17/96	6073.24	49.94	50.50	0.56	6023.16
MW-1	03/06/97	6073.24	49.99	50.38	0.39	6023.15
MW-1	06/22/01	6073.24	49.82	49.96	0.14	6023.39
MW-1	09/04/01	6073.24	49.94	50.05	0.11	6023.27
MW-1	03/04/02	6073.24	50.23	50.40	0.17	6022.97
MW-1	06/03/02	6073.24	50.31	50.50	0.19	6022.88
MW-1	09/10/02	6073.24	50.51	50.70	0.19	6022.68
MW-1	12/12/02	6073.24	50.60	50.83	0.23	6022.58
MW-1	03/14/03	6073.24	50.73	50.90	0.17	6022.47
MW-1	06/18/03	6073.24	50.74	51.28	0.54	6022.37
MW-1	09/16/03	6073.24	50.78	51.70	0.92	6022.23
MW-1	12/17/03	6073.24	50.92	51.15	0.23	6022.26
MW-1	03/16/04	6073.24	50.98	51.14	0.16	6022.22
MW-1	06/22/04	6073.24	51.02	51.15	0.13	6022.19
MW-1	09/22/04	6073.24	51.06	51.18	0.12	6022.15
MW-1	12/21/04	6073.24	51.08	51.15	0.07	6022.14
MW-1	03/23/05	6073.24	ND	51.13		6022.11
MW-1	06/23/05	6073.24	ND	51.09		6022.15
MW-1	09/20/05	6073.24	ND	51.12		6022.12
MW-1	12/14/05	6073.24	ND	51.02		6022.22
MW-1	12/15/05	6073.24	ND	51.02		6022.22
MW-1	03/27/06	6073.24	ND	51.86		6021.38
MW-1	06/07/06	6073.24	ND	50.92		6022.32
MW-1	09/25/06	6073.24	ND	51.09		6022.15
MW-1	12/07/06	6073.24	ND	51.06		6022.18
MW-1	03/28/07	6073.24	ND	50.85		6022.39
MW-1	06/18/07	6073.24	ND	50.90		6022.34
MW-1	09/17/07	6073.24	ND	51.04		6022.20
MW-1	12/17/07	6073.24	ND	51.05		6022.19
MW-1	03/10/08	6073.24	ND	50.93		6022.31
MW-1	06/17/08	6073.24	ND	50.14		6023.10
MW-1	09/10/08	6073.24	ND	49.81		6023.43
MW-1	12/02/08	6073.24	ND	49.66		6023.58
MW-1	03/03/09	6073.24	ND	49.60		6023.64
MW-1	06/09/09	6073.24	ND	49.61		6023.63
MW-1	08/28/09	6073.24	ND	49.71		6023.53
MW-1	11/04/09	6073.24	ND	49.83		6023.41

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	02/11/10	6073.24	ND	49.93		6023.31
MW-1	06/07/10	6073.24	ND	50.12		6023.12
MW-1	09/24/10	6073.24	ND	50.33		6022.91
MW-1	11/02/10	6073.24	ND	50.40		6022.84
MW-1	02/07/11	6073.24	ND	50.53		6022.71
MW-1	05/10/11	6073.24	ND	50.69		6022.55
MW-1	09/23/11	6073.24	ND	50.93		6022.31
MW-1	11/01/11	6073.24	ND	50.99		6022.25
MW-1	02/21/12	6073.24	ND	51.15		6022.09
MW-1	05/14/12	6073.24	ND	51.24		6022.00
MW-1	06/09/13	6073.24	51.61	51.68	0.07	6021.61
MW-1	09/09/13	6073.24	51.78	51.84	0.06	6021.45
MW-1	12/12/13	6073.24	51.80	51.85	0.05	6021.43
MW-1	04/02/14	6073.24	ND	51.81		6021.43
MW-1	10/23/14	6073.24	51.95	52.04	0.09	6021.27
MW-1	05/29/15	6073.24	ND	52.02		6021.22
MW-1	11/23/15	6073.24	51.76	51.76	<0.01	6021.48
MW-1	04/16/16	6073.24	51.61	51.68	0.07	6021.61
MW-1	10/12/16	6073.24	51.71	51.73	0.02	6021.53
MW-1	06/09/17	6073.24	51.76	51.78	0.02	6021.48
MW-1	07/15/17	6073.24	51.85	51.87	0.02	6021.39
MW-1	11/12/17	6073.24	51.85	51.86	0.01	6021.39
MW-1	05/16/18	6073.24	51.83	51.97	0.14	6021.38
MW-1	07/15/18	6073.24	51.64	51.75	0.11	6021.57
MW-1	10/26/18	6073.24	51.77	51.77	<0.01	6021.47
MW-1	05/22/19	6073.24	51.85	51.96	0.11	6021.36
MW-1	11/12/19	6073.24	51.93	51.95	0.02	6021.31
MW-1	05/17/20	6073.24	52.03	52.05	0.02	6021.21
MW-1	08/19/20	6073.24	52.10	52.11	0.01	6021.14
MW-1	11/13/20	6073.24	52.14	52.15	0.01	6021.10
MW-1	03/18/21	6073.24	ND	52.21		6021.03
MW-1	05/18/21	6073.24	52.23	52.24	0.01	6021.01
MW-1	08/22/21	6073.24	ND	52.23		6021.01
MW-1	11/15/21	6073.24	ND	52.30		6020.94
MW-1	03/23/22	6073.24	ND	52.36		6020.88
MW-1	05/20/22	6073.24	ND	52.33		6020.91
MW-1	07/31/22	6073.24	52.36	52.37	0.01	6020.88
MW-1	11/05/22	6073.24	52.05	52.06	0.01	6021.19
MW-1	03/28/23	6073.24	ND	51.88		6021.36

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	05/19/23	6073.24	ND	51.85		6021.39
MW-1	08/30/23	6073.24	ND	51.77		6021.47
MW-1	11/11/23	6073.24	ND	51.80		6021.44
MW-1	03/27/24	6073.24	ND	51.82		6021.42
MW-1	05/15/24	6073.24	ND	51.82		6021.42
MW-1	08/30/24	6073.24	ND	51.94		6021.30
MW-1	11/09/24	6073.24	ND	52.00		6021.24
MW-1	03/23/25	6073.24	ND	52.09		6021.15
MW-1	05/19/25	6073.24	ND	52.12		6021.12
MW-1	08/06/25	6073.24	ND	52.12		6021.12
MW-1	11/16/25	6073.24	ND	52.20		6021.04
MW-2	01/04/96	6072.14	NR	48.71		6023.43
MW-2	12/17/96	6072.14	NR	48.84		6023.30
MW-2	03/06/97	6072.14	NR	48.94		6023.20
MW-2	06/22/01	6072.14	NR	48.62		6023.52
MW-2	09/04/01	6072.14	NR	48.78		6023.36
MW-2	06/03/02	6072.14	NR	49.15		6022.99
MW-2	09/10/02	6072.14	NR	49.27		6022.87
MW-2	12/12/02	6072.14	NR	49.42		6022.72
MW-2	06/18/03	6072.14	ND	49.62		6022.52
MW-2	09/16/03	6072.14	ND	49.76		6022.38
MW-2	12/17/03	6072.14	ND	49.72		6022.42
MW-2	03/16/04	6072.14	ND	49.78		6022.36
MW-2	06/22/04	6072.14	ND	49.82		6022.32
MW-2	09/22/04	6072.14	ND	49.84		6022.30
MW-2	12/21/04	6072.14	ND	49.86		6022.28
MW-2	03/23/05	6072.14	ND	49.89		6022.25
MW-2	06/23/05	6072.14	ND	49.87		6022.27
MW-2	09/20/05	6072.14	ND	49.89		6022.25
MW-2	12/14/05	6072.14	ND	49.75		6022.39
MW-2	03/27/06	6072.14	ND	49.62		6022.52
MW-2	06/07/06	6072.14	ND	49.67		6022.47
MW-2	09/25/06	6072.14	ND	49.85		6022.29
MW-2	12/07/06	6072.14	ND	49.82		6022.32
MW-2	03/28/07	6072.14	ND	49.63		6022.51
MW-2	06/19/07	6072.14	ND	49.67		6022.47
MW-2	09/17/07	6072.14	ND	49.82		6022.32
MW-2	12/17/07	6072.14	ND	49.82		6022.32

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	03/10/08	6072.14	ND	49.92		6022.22
MW-2	06/17/08	6072.14	ND	48.93		6023.21
MW-2	09/10/08	6072.14	ND	48.60		6023.54
MW-2	12/02/08	6072.14	ND	48.43		6023.71
MW-2	03/03/09	6072.14	ND	48.37		6023.77
MW-2	06/04/09	6072.14	ND	48.38		6023.76
MW-2	06/09/09	6072.14	ND	48.43		6023.71
MW-2	08/28/09	6072.14	ND	48.50		6023.64
MW-2	11/04/09	6072.14	ND	48.62		6023.52
MW-2	02/11/10	6072.14	ND	48.72		6023.42
MW-2	06/07/10	6072.14	ND	48.98		6023.16
MW-2	09/24/10	6072.14	ND	49.11		6023.03
MW-2	11/02/10	6072.14	ND	49.17		6022.97
MW-2	02/07/11	6072.14	ND	49.33		6022.81
MW-2	05/10/11	6072.14	ND	49.45		6022.69
MW-2	09/23/11	6072.14	ND	49.72		6022.42
MW-2	11/01/11	6072.14	ND	49.77		6022.37
MW-2	02/21/12	6072.14	ND	49.91		6022.23
MW-2	05/14/12	6072.14	ND	50.00		6022.14
MW-2	06/09/13	6072.14	ND	50.38		6021.76
MW-2	09/09/13	6072.14	ND	50.56		6021.58
MW-2	12/12/13	6072.14	ND	50.56		6021.58
MW-2	04/02/14	6072.14	ND	50.59		6021.55
MW-2	10/23/14	6072.14	ND	50.73		6021.41
MW-2	05/29/15	6072.14	ND	50.80		6021.34
MW-2	11/23/15	6072.14	ND	50.54		6021.60
MW-2	04/16/16	6072.14	ND	50.39		6021.75
MW-2	10/12/16	6072.14	ND	50.47		6021.67
MW-2	06/09/17	6072.14	ND	50.52		6021.62
MW-2	11/12/17	6072.14	ND	50.65		6021.49
MW-2	05/16/18	6072.14	ND	50.63		6021.51
MW-2	10/26/18	6072.14	ND	50.80		6021.34
MW-2	05/22/19	6072.14	ND	50.89		6021.25
MW-2	11/12/19	6072.14	ND	50.97		6021.17
MW-2	05/17/20	6072.14	ND	51.04		6021.10
MW-2	11/13/20	6072.14	ND	51.15		6020.99
MW-2	05/18/21	6072.14	ND	51.23		6020.91
MW-2	11/15/21	6072.14	ND	51.31		6020.83
MW-2	05/20/22	6072.14	ND	51.32		6020.82

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	11/05/22	6072.14	ND	51.06		6021.08
MW-2	05/19/23	6072.14	ND	50.85		6021.29
MW-2	11/11/23	6072.14	ND	50.78		6021.36
MW-2	05/15/24	6072.14	ND	50.83		6021.31
MW-2	11/09/24	6072.14	ND	51.00		6021.14
MW-2	05/19/25	6072.14	ND	51.11		6021.03
MW-2	11/16/25	6072.14	ND	51.25		6020.89
MW-3	03/19/96	6073.11	NR	49.81		6023.30
MW-3	12/17/96	6073.11	NR	49.84		6023.27
MW-3	03/06/97	6073.11	49.83	49.87	0.04	6023.27
MW-3	06/22/01	6073.11	49.58	49.66	0.08	6023.51
MW-3	09/04/01	6073.11	49.70	49.76	0.06	6023.40
MW-3	03/04/02	6073.11	49.91	50.35	0.44	6023.09
MW-3	06/03/02	6073.11	49.96	50.62	0.66	6022.99
MW-3	09/10/02	6073.11	50.12	50.79	0.67	6022.82
MW-3	12/12/02	6073.11	50.25	50.95	0.70	6022.69
MW-3	03/14/03	6073.11	50.34	51.03	0.69	6022.60
MW-3	06/18/03	6073.11	50.45	51.16	0.71	6022.48
MW-3	09/16/03	6073.11	50.59	51.30	0.71	6022.35
MW-3	12/17/03	6073.11	50.60	51.08	0.48	6022.39
MW-3	03/16/04	6073.11	50.68	51.10	0.42	6022.33
MW-3	06/22/04	6073.11	50.68	51.22	0.54	6022.30
MW-3	09/22/04	6073.11	50.69	51.30	0.61	6022.27
MW-3	12/21/04	6073.11	50.71	51.32	0.61	6022.25
MW-3	03/23/05	6073.11	50.76	51.85	1.09	6022.08
MW-3	06/23/05	6073.11	50.76	51.20	0.44	6022.24
MW-3	09/20/05	6073.11	ND	51.43		6021.68
MW-3	12/14/05	6073.11	ND	51.31		6021.80
MW-3	12/15/05	6073.11	50.92	51.32	0.40	6022.09
MW-3	03/27/06	6073.11	50.58	50.92	0.34	6022.45
MW-3	06/07/06	6073.11	50.56	51.01	0.45	6022.44
MW-3	09/25/06	6073.11	50.80	51.27	0.47	6022.19
MW-3	12/07/06	6073.11	50.77	51.07	0.30	6022.27
MW-3	03/28/07	6073.11	50.66	50.99	0.33	6022.37
MW-3	06/18/07	6073.11	50.58	50.97	0.39	6022.43
MW-3	09/17/07	6073.11	50.78	51.15	0.37	6022.24
MW-3	12/17/07	6073.11	50.78	51.08	0.30	6022.26
MW-3	03/10/08	6073.11	50.75	50.90	0.15	6022.32

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	06/17/08	6073.11	49.89	49.98	0.09	6023.20
MW-3	09/10/08	6073.11	ND	49.77		6023.34
MW-3	12/02/08	6073.11	ND	49.58		6023.53
MW-3	03/03/09	6073.11	ND	49.55		6023.56
MW-3	06/09/09	6073.11	ND	49.39		6023.72
MW-3	08/28/09	6073.11	ND	49.65		6023.46
MW-3	11/04/09	6073.11	ND	49.63		6023.48
MW-3	02/11/10	6073.11	ND	49.83		6023.28
MW-3	06/07/10	6073.11	49.70	49.90	0.20	6023.36
MW-3	09/24/10	6073.11	ND	50.19		6022.92
MW-3	11/02/10	6073.11	ND	50.26		6022.85
MW-3	02/07/11	6073.11	ND	50.40		6022.71
MW-3	05/10/11	6073.11	ND	50.46		6022.65
MW-3	09/23/11	6073.11	ND	50.73		6022.38
MW-3	11/01/11	6073.11	ND	50.82		6022.29
MW-3	02/21/12	6073.11	50.86	51.36	0.50	6022.13
MW-3	05/14/12	6073.11	50.84	51.50	0.66	6022.11
MW-3	06/09/13	6073.11	51.15	52.02	0.87	6021.74
MW-3	09/09/13	6073.11	51.29	52.36	1.07	6021.55
MW-3	12/12/13	6073.11	51.30	52.39	1.09	6021.54
MW-3	04/02/14	6073.11	51.30	52.41	1.11	6021.53
MW-3	10/23/14	6073.11	51.43	52.59	1.16	6021.39
MW-3	05/29/15	6073.11	51.51	52.64	1.13	6021.32
MW-3	11/23/15	6073.11	51.32	52.11	0.79	6021.59
MW-3	04/16/16	6073.11	51.20	51.90	0.70	6021.74
MW-3	10/12/16	6073.11	ND	51.42		6021.69
MW-3	11/30/16	6073.11	51.58	51.79	0.21	6021.48
MW-3	06/09/17	6073.11	51.50	51.52	0.02	6021.61
MW-3	07/15/17	6073.11	ND	51.77		6021.34
MW-3	11/12/17	6073.11	51.54	51.55	0.01	6021.57
MW-3	05/16/18	6073.11	51.47	52.05	0.58	6021.50
MW-3	07/15/18	6073.11	ND	51.77		6021.34
MW-3	10/26/18	6073.11	51.72	51.72	<0.01	6021.39
MW-3	05/22/19	6073.11	51.79	52.02	0.23	6021.26
MW-3	11/12/19	6073.11	51.84	51.89	0.05	6021.26
MW-3	05/17/20	6073.11	51.96	52.12	0.16	6021.11
MW-3	08/19/20	6073.11	52.04	52.14	0.10	6021.05
MW-3	11/13/20	6073.11	52.10	52.12	0.02	6021.01
MW-3	03/18/21	6073.11	52.19	52.26	0.07	6020.90

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	05/18/21	6073.11	52.21	52.25	0.04	6020.89
MW-3	08/22/21	6073.11	52.23	52.27	0.04	6020.87
MW-3	11/15/21	6073.11	52.27	52.32	0.05	6020.83
MW-3	03/23/22	6073.11	52.33	52.37	0.04	6020.77
MW-3	05/20/22	6073.11	52.29	52.33	0.04	6020.81
MW-3	07/31/22	6073.11	52.32	52.34	0.02	6020.79
MW-3	11/05/22	6073.11	52.04	52.05	0.01	6021.07
MW-3	03/28/23	6073.11	ND	51.85		6021.26
MW-3	05/19/23	6073.11	ND	51.83		6021.28
MW-3	08/30/23	6073.11	ND	51.73		6021.38
MW-3	11/11/23	6073.11	ND	51.77		6021.34
MW-3	03/27/24	6073.11	ND	51.78		6021.33
MW-3	05/15/24	6073.11	ND	51.81		6021.30
MW-3	08/30/24	6073.11	ND	51.91		6021.20
MW-3	11/09/24	6073.11	ND	51.98		6021.13
MW-3	03/23/25	6073.11	ND	52.06		6021.05
MW-3	05/19/25	6073.11	ND	52.11		6021.00
MW-3	08/06/25	6073.11	ND	52.14		6020.97
MW-3	11/16/25	6073.11	ND	52.22		6020.89
MW-4	12/07/06	6072.71	ND	50.40		6022.31
MW-4	03/28/07	6072.71	ND	50.19		6022.52
MW-4	06/19/07	6072.71	ND	50.21		6022.50
MW-4	09/17/07	6072.71	ND	50.34		6022.37
MW-4	12/17/07	6072.71	ND	49.78		6022.93
MW-4	03/10/08	6072.71	ND	50.30		6022.41
MW-4	06/17/08	6072.71	ND	49.50		6023.21
MW-4	09/10/08	6072.71	ND	49.17		6023.54
MW-4	12/02/08	6072.71	ND	49.00		6023.71
MW-4	03/03/09	6072.71	ND	48.93		6023.78
MW-4	06/09/09	6072.71	ND	48.94		6023.77
MW-4	08/28/09	6072.71	ND	49.04		6023.67
MW-4	11/04/09	6072.71	ND	49.16		6023.55
MW-4	02/11/10	6072.71	ND	49.26		6023.45
MW-4	06/07/10	6072.71	ND	49.45		6023.26
MW-4	09/24/10	6072.71	ND	49.15		6023.56
MW-4	11/02/10	6072.71	ND	49.73		6022.98
MW-4	02/07/11	6072.71	ND	49.86		6022.85
MW-4	05/10/11	6072.71	ND	49.98		6022.73

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	09/23/11	6072.71	ND	50.09		6022.62
MW-4	11/01/11	6072.71	ND	50.31		6022.40
MW-4	02/21/12	6072.71	ND	50.46		6022.25
MW-4	05/14/12	6072.71	ND	50.55		6022.16
MW-4	06/09/13	6072.71	ND	50.93		6021.78
MW-4	09/09/13	6072.71	ND	51.11		6021.60
MW-4	12/12/13	6072.71	ND	51.12		6021.59
MW-4	04/02/14	6072.71	ND	51.14		6021.57
MW-4	10/23/14	6072.71	ND	51.26		6021.45
MW-4	05/29/15	6072.71	ND	51.33		6021.38
MW-4	11/23/15	6072.71	ND	51.08		6021.63
MW-4	04/16/16	6072.71	ND	50.92		6021.79
MW-4	10/12/16	6072.71	ND	51.01		6021.70
MW-4	06/09/17	6072.71	ND	51.07		6021.64
MW-4	11/12/17	6072.71	ND	51.17		6021.54
MW-4	05/16/18	6072.71	ND	51.16		6021.55
MW-4	10/26/18	6072.71	ND	51.33		6021.38
MW-4	05/22/19	6072.71	ND	51.40		6021.31
MW-4	11/12/19	6072.71	ND	51.47		6021.24
MW-4	05/17/20	6072.71	ND	51.58		6021.13
MW-4	11/13/20	6072.71	ND	51.68		6021.03
MW-4	05/18/21	6072.71	ND	51.75		6020.96
MW-4	11/15/21	6072.71	ND	51.85		6020.86
MW-4	05/20/22	6072.71	ND	51.86		6020.85
MW-4	11/05/22	6072.71	ND	51.62		6021.09
MW-4	05/19/23	6072.71	ND	51.40		6021.31
MW-4	11/11/23	6072.71	ND	51.35		6021.36
MW-4	05/15/24	6072.71	ND	51.37		6021.34
MW-4	11/09/24	6072.71	ND	51.56		6021.15
MW-4	05/19/25	6072.71	ND	51.66		6021.05
MW-4	11/16/25	6072.71	ND	51.80		6020.91
TMW-5	12/07/06	6072.29	ND	49.83		6022.46
TMW-5	03/28/07	6072.29	ND	49.58		6022.71
TMW-5	06/19/07	6072.29	ND	49.64		6022.65
TMW-5	09/17/07	6072.29	ND	49.77		6022.52
TMW-5	12/17/07	6072.29	ND	50.38		6021.91
TMW-5	03/10/08	6072.29	ND	46.59		6025.70
TMW-5	06/17/08	6072.29	ND	48.87		6023.42

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
TMW-5	09/10/08	6072.29	ND	48.56		6023.73
TMW-5	12/02/08	6072.29	ND	48.44		6023.85
TMW-5	03/03/09	6072.29	ND	44.40		6027.89
TMW-5	06/09/09	6072.29	ND	48.38		6023.91
TMW-5	08/28/09	6072.29	ND	DRY		0.00
TMW-5	11/04/09	6072.29	ND	48.58		6023.71
TMW-5	02/11/10	6072.29	ND	48.67		6023.62
TMW-5	06/07/10	6072.29	ND	48.81		6023.48
TMW-5	09/24/10	6072.29	ND	49.04		6023.25
TMW-5	11/02/10	6072.29	ND	49.12		6023.17
TMW-5	02/07/11	6072.29	ND	49.30		6022.99
TMW-5	05/10/11	6072.29	ND	49.41		6022.88
TMW-5	09/23/11	6072.29	ND	49.70		6022.59
TMW-5	11/01/11	6072.29	ND	49.71		6022.58
TMW-5	02/21/12	6072.29	ND	49.87		6022.42
TMW-5	05/14/12	6072.29	ND	49.96		6022.33
TMW-5	06/09/13	6072.29	ND	50.31		6021.98
TMW-5	09/09/13	6072.29	ND	50.48		6021.81
TMW-5	12/12/13	6072.29	ND	50.53		6021.76
TMW-5	04/02/14	6072.29	ND	50.54		6021.75
TMW-5	Well abandoned 8/11/2014					
MW-6	12/12/13	6072.76	51.10	51.13	0.03	6021.65
MW-6	04/02/14	6072.76	51.12	51.15	0.03	6021.63
MW-6	10/23/14	6072.76	ND	51.26		6021.50
MW-6	05/29/15	6072.76	ND	51.34		6021.42
MW-6	11/23/15	6072.76	ND	51.08		6021.68
MW-6	04/16/16	6072.76	ND	50.89		6021.87
MW-6	10/12/16	6072.76	ND	51.02		6021.74
MW-6	06/09/17	6072.76	ND	51.08		6021.68
MW-6	11/12/17	6072.76	ND	51.19		6021.57
MW-6	05/16/18	6072.76	ND	51.18		6021.58
MW-6	10/26/18	6072.76	ND	51.33		6021.43
MW-6	05/22/19	6072.76	ND	51.40		6021.36
MW-6	11/12/19	6072.76	ND	51.51		6021.25
MW-6	05/17/20	6072.76	ND	51.58		6021.18
MW-6	11/13/20	6072.76	ND	51.68		6021.08
MW-6	05/18/21	6072.76	ND	51.76		6021.00
MW-6	08/22/21	6072.76	ND	51.80		6020.96

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	11/15/21	6072.76	ND	51.85		6020.91
MW-6	03/23/22	6072.76	ND	51.90		6020.86
MW-6	05/20/22	6072.76	ND	51.87		6020.89
MW-6	07/31/22	6072.76	ND	51.90		6020.86
MW-6	11/05/22	6072.76	ND	51.61		6021.15
MW-6	03/28/23	6072.76	ND	51.43		6021.33
MW-6	05/19/23	6072.76	ND	51.40		6021.36
MW-6	08/30/23	6072.76	ND	51.32		6021.44
MW-6	11/11/23	6072.76	ND	51.35		6021.41
MW-6	03/27/24	6072.76	ND	51.36		6021.40
MW-6	05/15/24	6072.76	ND	51.37		6021.39
MW-6	11/09/24	6072.76	ND	51.55		6021.21
MW-6	03/23/25	6072.76	ND	51.63		6021.13
MW-6	05/19/25	6072.76	ND	51.67		6021.09
MW-6	08/06/25	6072.76	ND	51.72		6021.04
MW-6	11/16/25	6072.76	ND	51.80		6020.96
MW-7	12/12/13	6072.63	ND	51.12		6021.51
MW-7	04/02/14	6072.63	ND	51.13		6021.50
MW-7	10/23/14	6072.63	ND	51.25		22.00
MW-7	05/29/15	6072.63	ND	51.33		6021.30
MW-7	11/23/15	6072.63	ND	51.06		6021.57
MW-7	04/16/16	6072.63	ND	50.90		6021.73
MW-7	10/12/16	6072.63	ND	51.01		6021.62
MW-7	06/09/17	6072.63	ND	51.07		6021.56
MW-7	11/12/17	6072.63	ND	51.18		6021.45
MW-7	05/16/18	6072.63	50.98	51.86	0.88	6021.43
MW-7	07/15/18	6072.63	51.03	51.82	0.79	6021.40
MW-7	10/26/18	6072.63	51.13	51.14	0.01	6021.50
MW-7	05/22/19	6072.63	51.29	51.82	0.53	6021.21
MW-7	11/12/19	6072.63	51.28	52.08	0.80	6021.15
MW-7	05/17/20	6072.63	51.33	52.21	0.88	6021.08
MW-7	08/19/20	6072.63	51.42	52.30	0.88	6020.99
MW-7	11/13/20	6072.63	51.43	52.34	0.91	6020.97
MW-7	03/18/21	6072.63	51.20	51.53	0.33	6021.35
MW-7	05/18/21	6072.63	51.52	52.41	0.89	6020.89
MW-7	08/22/21	6072.63	51.72	52.03	0.31	6020.83
MW-7	11/15/21	6072.63	51.80	51.94	0.14	6020.80
MW-7	03/23/22	6072.63	51.86	51.92	0.06	6020.76

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-7	05/20/22	6072.63	51.83	51.88	0.05	6020.79
MW-7	07/31/22	6072.63	51.87	51.90	0.03	6020.75
MW-7	11/05/22	6072.63	51.59	51.60	0.01	6021.04
MW-7	03/28/23	6072.63	51.28	51.79	0.51	6021.22
MW-7	05/19/23	6072.63	51.30	51.61	0.31	6021.25
MW-7	08/30/23	6072.63	51.22	51.49	0.27	6021.34
MW-7	11/11/23	6072.63	51.31	51.34	0.03	6021.31
MW-7	03/27/24	6072.63	51.33	51.40	0.07	6021.28
MW-7	05/15/24	6072.63	51.32	51.44	0.12	6021.28
MW-7	08/30/24	6072.63	51.37	51.43	0.06	6021.25
MW-7	11/09/24	6072.63	51.50	51.65	0.15	6021.09
MW-7	03/23/25	6072.63	51.58	51.68	0.10	6021.03
MW-7	05/19/25	6072.63	51.64	51.65	0.01	6020.99
MW-7	08/06/25	6072.63	ND	51.69		6020.94
MW-7	11/16/25	6072.63	51.78	51.80	0.02	6020.85
MW-8	12/12/13	6072.60	50.80	51.94	1.14	6021.52
MW-8	04/02/14	6072.60	50.81	51.93	1.12	6021.51
MW-8	10/23/14	6072.60	50.93	52.12	1.19	6021.37
MW-8	05/29/15	6072.60	51.00	52.18	1.18	6021.31
MW-8	11/23/15	6072.60	50.83	51.63	0.80	6021.57
MW-8	04/16/16	6072.60	50.68	51.44	0.76	6021.73
MW-8	10/12/16	6072.60	50.81	51.52	0.71	6021.61
MW-8	11/30/16	6072.60	50.89	51.49	0.60	6021.56
MW-8	06/09/17	6072.60	51.01	51.11	0.10	6021.57
MW-8	07/15/17	6072.60	50.68	52.28	1.60	6021.52
MW-8	11/12/17	6072.60	50.78	50.82	0.04	6021.81
MW-8	05/16/18	6072.60	50.90	51.83	0.93	6021.47
MW-8	07/15/18	6072.60	51.13	52.51	1.38	6021.13
MW-8	10/26/18	6072.60	51.04	51.04	<0.01	6021.56
MW-8	05/22/19	6072.60	51.09	52.12	1.03	6021.25
MW-8	11/12/19	6072.60	51.15	52.74	1.59	6021.05
MW-8	05/17/20	6072.60	51.23	52.41	1.18	6021.08
MW-8	08/19/20	6072.60	51.30	52.53	1.23	6020.99
MW-8	11/13/20	6072.60	51.33	52.53	1.20	6020.97
MW-8	03/18/21	6072.60	51.20	51.80	0.60	6021.25
MW-8	05/18/21	6072.60	51.60	51.98	0.38	6020.91
MW-8	08/22/21	6072.60	51.55	52.39	0.84	6020.84
MW-8	11/15/21	6072.60	51.59	52.44	0.85	6020.80

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	03/23/22	6072.60	51.60	52.59	0.99	6020.75
MW-8	05/20/22	6072.60	51.61	52.42	0.81	6020.79
MW-8	07/31/22	6072.60	51.70	52.28	0.58	6020.76
MW-8	11/05/22	6072.60	51.51	51.78	0.27	6021.02
MW-8	03/28/23	6072.60	51.34	51.44	0.10	6021.24
MW-8	05/19/23	6072.60	51.31	51.42	0.11	6021.26
MW-8	08/30/23	6072.60	51.23	51.37	0.14	6021.34
MW-8	11/11/23	6072.60	51.26	51.37	0.11	6021.31
MW-8	03/27/24	6072.60	51.29	51.36	0.07	6021.29
MW-8	05/15/24	6072.60	51.31	51.38	0.07	6021.27
MW-8	08/30/24	6072.60	51.41	51.50	0.09	6021.17
MW-8	11/09/24	6072.60	51.48	51.51	0.03	6021.11
MW-8	03/23/25	6072.60	51.56	51.62	0.06	6021.03
MW-8	05/19/25	6072.60	51.60	51.64	0.04	6020.99
MW-8	08/06/25	6072.60	51.66	51.71	0.05	6020.93
MW-8	11/16/25	6072.60	51.74	51.77	0.03	6020.85
MW-9	12/12/13	6073.57	ND	51.85		6021.72
MW-9	04/02/14	6073.57	ND	51.87		6021.70
MW-9	10/23/14	6073.57	ND	52.01		6021.56
MW-9	05/29/15	6073.57	ND	52.08		6021.49
MW-9	11/23/15	6073.57	ND	51.83		6021.74
MW-9	04/16/16	6073.57	ND	51.66		6021.91
MW-9	10/12/16	6073.57	ND	51.77		6021.80
MW-9	06/09/17	6073.57	ND	51.83		6021.74
MW-9	11/12/17	6073.57	ND	52.00		6021.57
MW-9	05/16/18	6073.57	ND	51.92		6021.65
MW-9	10/26/18	6073.57	ND	52.18		6021.39
MW-9	05/22/19	6073.57	ND	52.16		6021.41
MW-9	11/12/19	6073.57	ND	52.28		6021.29
MW-9	05/17/20	6073.57	ND	52.34		6021.23
MW-9	11/13/20	6073.57	ND	52.43		6021.14
MW-9	05/18/21	6073.57	ND	52.51		6021.06
MW-9	11/15/21	6073.57	ND	52.62		6020.95
MW-9	05/20/22	6073.57	ND	52.61		6020.96
MW-9	05/19/23	6073.57	ND	52.15		6021.42
MW-9	11/11/23	6073.57	ND	52.10		6021.47
MW-9	05/15/24	6073.57	ND	52.12		6021.45
MW-9	11/09/24	6073.57	ND	52.31		6021.26

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-9	05/19/25	6073.57	ND	52.44		6021.13
MW-9	11/16/25	6073.57	ND	52.56		6021.01
MW-10	12/12/13	6073.42	ND	51.79		6021.63
MW-10	04/02/14	6073.42	ND	51.81		6021.61
MW-10	10/23/14	6073.42	ND	51.94		6021.48
MW-10	05/29/15	6073.42	ND	52.03		6021.39
MW-10	11/23/15	6073.42	ND	51.74		6021.68
MW-10	04/16/16	6073.42	ND	51.60		6021.82
MW-10	10/12/16	6073.42	ND	51.70		6021.72
MW-10	06/09/17	6073.42	ND	51.75		6021.67
MW-10	11/12/17	6073.42	ND	51.86		6021.56
MW-10	05/16/18	6073.42	ND	51.85		6021.57
MW-10	10/26/18	6073.42	ND	52.01		6021.41
MW-10	05/22/19	6073.42	ND	52.08		6021.34
MW-10	11/12/19	6073.42	ND	52.18		6021.24
MW-10	05/17/20	6073.42	ND	52.50		6020.92
MW-10	11/13/20	6073.42	ND	52.36		6021.06
MW-10	05/18/21	6073.42	ND	52.44		6020.98
MW-10	11/15/21	6073.42	ND	52.52		6020.90
MW-10	05/20/22	6073.42	ND	52.56		6020.86
MW-10	05/19/23	6073.42	ND	52.07		6021.35
MW-10	11/11/23	6073.42	ND	52.04		6021.38
MW-10	05/15/24	6073.42	ND	52.04		6021.38
MW-10	11/09/24	6073.42	ND	52.23		6021.19
MW-10	05/19/25	6073.42	ND	52.34		6021.08
MW-10	11/16/25	6073.42	ND	52.47		6020.95
MW-11	12/12/13	6073.39	51.60	52.43	0.83	6021.58
MW-11	04/02/14	6073.39	51.61	52.33	0.72	6021.60
MW-11	10/23/14	6073.39	51.73	52.59	0.86	6021.45
MW-11	05/29/15	6073.39	51.79	52.69	0.90	6021.38
MW-11	11/23/15	6073.39	51.61	52.14	0.53	6021.65
MW-11	04/16/16	6073.39	51.51	51.80	0.29	6021.81
MW-11	10/12/16	6073.39	51.68	51.80	0.12	6021.68
MW-11	06/09/17	6073.39	51.22	53.24	2.02	6021.67
MW-11	07/15/17	6073.39	51.29	53.13	1.84	6021.64
MW-11	11/12/17	6073.39	51.52	51.54	0.02	6021.87
MW-11	05/16/18	6073.39	51.70	52.04	0.34	6021.61
MW-11	07/15/18	6073.39	51.82	52.52	0.70	6021.40

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-11	10/26/18	6073.39	51.84	51.84	<0.01	6021.55
MW-11	05/22/19	6073.39	51.89	52.23	0.34	6021.42
MW-11	11/12/19	6073.39	51.94	52.53	0.59	6021.30
MW-11	05/17/20	6073.39	52.02	52.79	0.77	6021.18
MW-11	08/19/20	6073.39	52.27	52.35	0.08	6021.10
MW-11	11/13/20	6073.39	52.32	52.33	0.01	6021.07
MW-11	03/18/21	6073.39	ND	52.39		6021.00
MW-11	05/18/21	6073.39	ND	52.39		6021.00
MW-11	08/22/21	6073.39	52.45	52.45	<0.01	6020.94
MW-11	11/15/21	6073.39	ND	52.48		6020.91
MW-11	03/23/22	6073.39	ND	52.52		6020.87
MW-11	05/20/22	6073.39	ND	52.49		6020.90
MW-11	07/31/22	6073.39	ND	52.55		6020.84
MW-11	11/05/22	6073.39	ND	52.24		6021.15
MW-11	03/28/23	6073.39	ND	52.05		6021.34
MW-11	05/19/23	6073.39	ND	52.02		6021.37
MW-11	08/30/23	6073.39	ND	51.94		6021.45
MW-11	11/11/23	6073.39	ND	51.97		6021.42
MW-11	03/27/24	6073.39	51.96	52.04	0.08	6021.35
MW-11	05/15/24	6073.39	51.94	52.19	0.25	6021.20
MW-11	08/30/24	6073.39	52.29	52.46	0.17	6020.93
MW-11	11/09/24	6073.39	52.16	52.21	0.05	6021.18
MW-11	03/23/25	6073.39	ND	52.26		6021.13
MW-11	05/19/25	6073.39	ND	52.29		6021.10
MW-11	08/06/25	6073.39	ND	52.34		6021.05
MW-11	11/16/25	6073.39	ND	52.41		6020.98
MW-12	12/12/13	6073.32	ND	48.13		6025.19
MW-12	04/02/14	6073.32	ND	48.09		6025.23
MW-12	10/23/14	6073.32	ND	48.31		6025.01
MW-12	05/29/15	6073.32	ND	48.31		6025.01
MW-12	11/23/15	6073.32	ND	48.11		6025.21
MW-12	04/16/16	6073.32	ND	47.85		6025.47
MW-12	10/12/16	6073.32	ND	47.57		6025.75
MW-12	06/09/17	6073.32	ND	47.54		6025.78
MW-12	11/12/17	6073.32	ND	47.51		6025.81
MW-12	05/16/18	6073.32	ND	47.33		6025.99
MW-12	10/26/18	6073.32	ND	47.38		6025.94
MW-12	05/22/19	6073.32	ND	47.73		6025.59

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-12	11/12/19	6073.32	ND	47.78		6025.54
MW-12	05/17/20	6073.32	ND	47.85		6025.47
MW-12	11/13/20	6073.32	ND	47.86		6025.46
MW-12	05/18/21	6073.32	ND	47.91		6025.41
MW-12	11/15/21	6073.32	ND	47.93		6025.39
MW-12	05/20/22	6073.32	ND	47.98		6025.34
MW-12	05/19/23	6073.32	ND	47.81		6025.51
MW-12	11/11/23	6073.32	ND	47.68		6025.64
MW-12	05/15/24	6073.32	ND	47.65		6025.67
MW-12	11/09/24	6073.32	ND	47.86		6025.46
MW-12	05/19/25	6073.32	ND	47.89		6025.43
MW-12	11/16/25	6073.32	ND	47.95		6025.37
MW-13	10/23/14	6073.25	ND	51.62		6021.63
MW-13	05/29/15	6073.25	ND	51.69		6021.56
MW-13	11/23/15	6073.25	ND	51.42		6021.83
MW-13	04/16/16	6073.25	ND	51.29		6021.96
MW-13	10/12/16	6073.25	ND	51.37		6021.88
MW-13	06/09/17	6073.25	ND	51.44		6021.81
MW-13	11/12/17	6073.25	ND	51.54		6021.71
MW-13	05/16/18	6073.25	ND	51.52		6021.73
MW-13	10/26/18	6073.25	ND	51.68		6021.57
MW-13	05/22/19	6073.25	ND	51.71		6021.54
MW-13	11/12/19	6073.25	ND	51.80		6021.45
MW-13	05/17/20	6073.25	ND	52.01		6021.24
MW-13	11/13/20	6073.25	ND	52.12		6021.13
MW-13	05/18/21	6073.25	ND	52.16		6021.09
MW-13	11/15/21	6073.25	ND	52.28		6020.97
MW-13	05/20/22	6073.25	ND	52.28		6020.97
MW-13	11/05/22	6073.25	ND	52.04		6021.21
MW-13	05/19/23	6073.25	ND	51.84		6021.41
MW-13	11/11/23	6073.25	ND	51.80		6021.45
MW-13	05/15/24	6073.25	ND	51.81		6021.44
MW-13	11/09/24	6073.25	ND	52.00		6021.25
MW-13	05/19/25	6073.25	ND	52.11		6021.14
MW-13	11/16/25	6073.25	ND	52.24		6021.01
MW-14	10/23/14	6073.14	ND	51.53		6021.61
MW-14	05/29/15	6073.14	ND	51.60		6021.54
MW-14	11/23/15	6073.14	ND	51.33		6021.81

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-14	04/16/16	6073.14	ND	51.19		6021.95
MW-14	10/12/16	6073.14	ND	51.30		6021.84
MW-14	06/09/17	6073.14	ND	51.35		6021.79
MW-14	11/12/17	6073.14	ND	51.46		6021.68
MW-14	05/16/18	6073.14	ND	51.43		6021.71
MW-14	10/26/18	6073.14	ND	51.57		6021.57
MW-14	05/22/19	6073.14	ND	51.62		6021.52
MW-14	11/12/19	6073.14	ND	51.70		6021.44
MW-14	05/17/20	6073.14	ND	51.89		6021.25
MW-14	11/13/20	6073.14	ND	51.99		6021.15
MW-14	05/18/21	6073.14	ND	52.07		6021.07
MW-14	11/15/21	6073.14	ND	52.15		6020.99
MW-14	05/20/22	6073.14	ND	52.15		6020.99
MW-14	05/19/23	6073.14	ND	51.72		6021.42
MW-14	11/11/23	6073.14	ND	51.66		6021.48
MW-14	05/15/24	6073.14	ND	51.68		6021.46
MW-14	11/09/24	6073.14	ND	51.87		6021.27
MW-14	05/19/25	6073.14	ND	52.00		6021.14
MW-14	11/16/25	6073.14	ND	52.11		6021.03
MW-15	10/23/14	6072.47	ND	51.14		6021.33
MW-15	05/29/15	6072.47	ND	51.19		6021.28
MW-15	11/23/15	6072.47	ND	50.93		6021.54
MW-15	04/16/16	6072.47	ND	50.78		6021.69
MW-15	10/12/16	6072.47	ND	50.87		6021.60
MW-15	06/09/17	6072.47	ND	50.96		6021.51
MW-15	11/12/17	6072.47	ND	51.06		6021.41
MW-15	05/16/18	6072.47	ND	51.03		6021.44
MW-15	10/26/18	6072.47	ND	51.19		6021.28
MW-15	05/22/19	6072.47	ND	51.27		6021.20
MW-15	11/12/19	6072.47	ND	51.35		6021.12
MW-15	05/17/20	6072.47	ND	51.42		6021.05
MW-15	11/13/20	6072.47	ND	51.53		6020.94
MW-15	05/18/21	6072.47	ND	51.61		6020.86
MW-15	11/15/21	6072.47	ND	51.69		6020.78
MW-15	05/20/22	6072.47	ND	51.71		6020.76
MW-15	11/05/22	6072.47	ND	51.46		6021.01
MW-15	05/19/23	6072.47	ND	51.26		6021.21
MW-15	11/11/23	6072.47	ND	51.25		6021.22

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-15	05/15/24	6072.47	ND	51.24		6021.23
MW-15	11/09/24	6072.47	ND	51.41		6021.06
MW-15	05/19/25	6072.47	ND	51.52		6020.95
MW-15	11/16/25	6072.47	ND	51.66		6020.81
MW-16	10/23/14	6071.78	ND	50.49		6021.29
MW-16	05/29/15	6071.78	ND	50.57		6021.21
MW-16	11/23/15	6071.78	ND	50.30		6021.48
MW-16	04/16/16	6071.78	ND	50.15		6021.63
MW-16	10/12/16	6071.78	ND	50.24		6021.54
MW-16	06/09/17	6071.78	ND	50.32		6021.46
MW-16	11/12/17	6071.78	ND	50.44		6021.34
MW-16	05/16/18	6071.78	ND	50.40		6021.38
MW-16	10/26/18	6071.78	ND	50.55		6021.23
MW-16	05/22/19	6071.78	ND	51.40		6020.38
MW-16	11/12/19	6071.78	ND	50.69		6021.09
MW-16	05/17/20	6071.78	ND	50.78		6021.00
MW-16	11/13/20	6071.78	ND	50.88		6020.90
MW-16	05/18/21	6071.78	ND	50.97		6020.81
MW-16	11/15/21	6071.78	ND	51.05		6020.73
MW-16	05/20/22	6071.78	ND	51.08		6020.70
MW-16	05/19/23	6071.78	ND	50.62		6021.16
MW-16	11/11/23	6071.78	ND	50.55		6021.23
MW-16	05/15/24	6071.78	ND	50.58		6021.20
MW-16	11/09/24	6071.78	ND	50.76		6021.02
MW-16	05/19/25	6071.78	ND	50.86		6020.92
MW-16	11/16/25	6071.78	ND	50.99		6020.79
MW-17	10/23/14	6071.79	ND	50.51		6021.28
MW-17	05/29/15	6071.79	ND	50.58		6021.21
MW-17	11/23/15	6071.79	ND	50.31		6021.48
MW-17	04/16/16	6071.79	ND	50.16		6021.63
MW-17	10/12/16	6071.79	ND	50.26		6021.53
MW-17	06/09/17	6071.79	ND	50.30		6021.49
MW-17	11/12/17	6071.79	ND	50.43		6021.36
MW-17	05/16/18	6071.79	ND	50.41		6021.38
MW-17	10/26/18	6071.79	ND	50.56		6021.23
MW-17	05/22/19	6071.79	ND	50.63		6021.16
MW-17	11/12/19	6071.79	ND	50.72		6021.07
MW-17	05/17/20	6071.79	ND	50.79		6021.00

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-17	11/13/20	6071.79	ND	51.07		6020.72
MW-17	05/18/21	6071.79	ND	51.00		6020.79
MW-17	11/15/21	6071.79	ND	51.67		6020.12
MW-17	05/20/22	6071.79	ND	51.08		6020.71
MW-17	11/05/22	6071.79	ND	50.83		6020.96
MW-17	05/19/23	6071.79	ND	50.61		6021.18
MW-17	11/11/23	6071.79	ND	49.69		6022.10
MW-17	05/15/24	6071.79	ND	50.59		6021.20
MW-17	11/09/24	6071.79	ND	50.78		6021.01
MW-17	05/19/25	6071.79	ND	50.88		6020.91
MW-17	11/16/25	6071.79	ND	51.02		6020.77
MW-18	10/23/14	6072.71	ND	51.28		6021.43
MW-18	05/29/15	6072.71	ND	51.37		6021.34
MW-18	11/23/15	6072.71	ND	51.09		6021.62
MW-18	04/16/16	6072.71	ND	50.94		6021.77
MW-18	10/12/16	6072.71	ND	51.03		6021.68
MW-18	06/09/17	6072.71	ND	51.10		6021.61
MW-18	11/12/17	6072.71	ND	51.20		6021.51
MW-18	05/16/18	6072.71	ND	51.19		6021.52
MW-18	10/26/18	6072.71	ND	51.34		6021.37
MW-18	05/22/19	6072.71	ND	51.42		6021.29
MW-18	11/12/19	6072.71	ND	51.50		6021.21
MW-18	05/17/20	6072.71	ND	51.58		6021.13
MW-18	11/13/20	6072.71	ND	51.69		6021.02
MW-18	05/18/21	6072.71	ND	51.77		6020.94
MW-18	11/15/21	6072.71	ND	51.86		6020.85
MW-18	05/20/22	6072.71	ND	51.87		6020.84
MW-18	11/05/22	6072.71	ND	51.62		6021.09
MW-18	05/19/23	6072.71	ND	51.40		6021.31
MW-18	11/11/23	6072.71	ND	51.31		6021.40
MW-18	05/15/24	6072.71	ND	51.38		6021.33
MW-18	11/09/24	6072.71	ND	51.56		6021.15
MW-18	05/19/25	6072.71	ND	51.69		6021.02
MW-18	11/16/25	6072.71	ND	51.81		6020.90
MW-19	10/23/14	6074.00	ND	52.41		6021.59
MW-19	05/29/15	6074.00	ND	52.48		6021.52
MW-19	11/23/15	6074.00	ND	52.21		6021.79
MW-19	04/16/16	6074.00	ND	52.17		6021.83

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-19	10/12/16	6074.00	ND	52.15		6021.85
MW-19	06/09/17	6074.00	ND	52.22		6021.78
MW-19	11/12/17	6074.00	ND	52.32		6021.68
MW-19	05/16/18	6074.00	ND	52.31		6021.69
MW-19	10/26/18	6074.00	ND	52.48		6021.52
MW-19	05/22/19	6074.00	ND	52.55		6021.45
MW-19	11/12/19	6074.00	ND	52.66		6021.34
MW-19	05/17/20	6074.00	ND	52.73		6021.27
MW-19	11/13/20	6074.00	ND	52.84		6021.16
MW-19	05/18/21	6074.00	ND	52.92		6021.08
MW-19	11/15/21	6074.00	ND	53.01		6020.99
MW-19	05/20/22	6074.00	ND	53.02		6020.98
MW-19	11/05/22	6074.00	ND	52.75		6021.25
MW-19	05/19/23	6074.00	ND	52.55		6021.45
MW-19	11/11/23	6074.00	ND	52.50		6021.50
MW-19	05/15/24	6074.00	ND	52.52		6021.48
MW-19	11/09/24	6074.00	ND	52.72		6021.28
MW-19	05/19/25	6074.00	ND	52.83		6021.17
MW-19	11/16/25	6074.00	ND	52.96		6021.04
MW-20	10/23/14	6072.77	ND	51.33		6021.44
MW-20	05/29/15	6072.77	ND	51.41		6021.36
MW-20	11/23/15	6072.77	ND	51.14		6021.63
MW-20	04/16/16	6072.77	ND	50.99		6021.78
MW-20	10/12/16	6072.77	ND	51.09		6021.68
MW-20	06/09/17	6072.77	ND	51.14		6021.63
MW-20	11/12/17	6072.77	ND	51.24		6021.53
MW-20	05/16/18	6072.77	ND	51.24		6021.53
MW-20	10/26/18	6072.77	ND	51.38		6021.39
MW-20	05/22/19	6072.77	ND	51.46		6021.31
MW-20	11/12/19	6072.77	ND	51.55		6021.22
MW-20	05/17/20	6072.77	ND	51.62		6021.15
MW-20	11/13/20	6072.77	ND	51.73		6021.04
MW-20	05/18/21	6072.77	ND	51.83		6020.94
MW-20	11/15/21	6072.77	ND	51.91		6020.86
MW-20	05/20/22	6072.77	ND	51.92		6020.85
MW-20	11/05/22	6072.77	ND	51.65		6021.12
MW-20	05/19/23	6072.77	ND	51.45		6021.32
MW-20	11/11/23	6072.77	ND	51.39		6021.38

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-20	05/15/24	6072.77	ND	51.43		6021.34
MW-20	11/09/24	6072.77	ND	51.60		6021.17
MW-20	05/19/25	6072.77	ND	51.74		6021.03
MW-20	11/16/25	6072.77	ND	51.85		6020.92
MW-21	05/17/20	6071.17	ND	50.27		6020.90
MW-21	11/13/20	6071.17	50.10	50.55	0.45	6020.96
MW-21	03/18/21	6071.17	50.18	50.50	0.32	6020.91
MW-21	05/18/21	6071.17	50.21	51.16	0.95	6020.72
MW-21	08/22/21	6071.17	50.25	51.25	1.00	6020.67
MW-21	11/15/21	6071.17	49.77	50.08	0.31	6021.32
MW-21	03/23/22	6071.17	50.28	51.42	1.14	6020.61
MW-21	05/20/22	6071.17	50.32	51.17	0.85	6020.64
MW-21	07/31/22	6071.17	50.36	51.16	0.80	6020.61
MW-21	08/01/22	6071.17	50.44	50.93	0.49	6020.61
MW-21	08/26/22	6071.17	50.44	50.84	0.07	6020.82
MW-21	08/27/22	6071.17	50.50	50.88	0.38	6020.58
MW-21	08/28/22	6071.17	ND	50.56		6020.61
MW-21	10/14/22	6071.17	50.39	50.42	0.03	6020.77
MW-21	11/05/22	6071.17	50.33	50.40	0.07	6020.82
MW-21	11/15/22	6071.17	ND	50.30		6020.87
MW-21	03/28/23	6071.17	50.09	50.11	0.02	6021.08
MW-21	05/19/23	6071.17	50.10	50.13	0.03	6021.06
MW-21	08/30/23	6071.17	50.00	50.03	0.03	6021.16
MW-21	11/11/23	6071.17	50.05	50.08	0.03	6021.11
MW-21	03/27/24	6071.17	50.05	50.06	0.01	6021.12
MW-21	05/15/24	6071.17	50.08	50.09	0.01	6021.09
MW-21	08/30/24	6071.17	51.14	51.16	0.02	6020.03
MW-21	11/09/24	6071.17	50.21	50.29	0.08	6020.94
MW-21	03/23/25	6071.17	50.28	50.34	0.06	6020.88
MW-21	05/19/25	6071.17	50.33	50.38	0.05	6020.83
MW-21	08/06/25	6071.17	50.34	50.55	0.21	6020.78
MW-21	11/16/25	6071.17	50.44	50.52	0.08	6020.71
MW-22	05/17/20	6070.47	49.57	49.58	0.01	6020.90
MW-22	08/19/20	6070.47	49.55	49.94	0.39	6020.82
MW-22	11/13/20	6070.47	49.79	49.95	0.16	6020.64
MW-22	03/18/21	6070.47	49.66	50.00	0.34	6020.73
MW-22	05/18/21	6070.47	49.65	50.09	0.44	6020.71
MW-22	08/22/21	6070.47	49.72	50.10	0.38	6020.66

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-22	11/15/21	6070.47	50.24	51.38	1.14	6019.95
MW-22	03/23/22	6070.47	49.82	50.08	0.26	6020.59
MW-22	05/20/22	6070.47	49.80	50.02	0.22	6020.62
MW-22	07/31/22	6070.47	49.87	49.92	0.05	6020.59
MW-22	08/01/22	6070.47	49.87	49.93	0.06	6020.59
MW-22	11/05/22	6070.47	49.60	49.61	0.01	6020.87
MW-22	11/15/22	6070.47	ND	49.65		6020.82
MW-22	03/28/23	6070.47	ND	49.42		6021.05
MW-22	05/19/23	6070.47	ND	49.38		6021.09
MW-22	08/30/23	6070.47	49.31	49.32	0.01	6021.16
MW-22	11/11/23	6070.47	ND	49.34		6021.13
MW-22	03/27/24	6070.47	ND	49.37		6021.10
MW-22	05/15/24	6070.47	ND	49.36		6021.11
MW-22	08/30/24	6070.47	ND	49.48		6020.99
MW-22	11/09/24	6070.47	ND	49.55		6020.92
MW-22	03/23/25	6070.47	ND	49.64		6020.83
MW-22	05/19/25	6070.47	ND	49.66		6020.81
MW-22	08/06/25	6070.47	ND	49.70		6020.77
MW-22	11/16/25	6070.47	ND	49.78		6020.69
MW-23	05/17/20	6071.30	ND	50.30		6021.00
MW-23	11/13/20	6071.30	ND	50.37		6020.93
MW-23	05/18/21	6071.30	ND	50.48		6020.82
MW-23	11/15/21	6071.30	ND	50.55		6020.75
MW-23	05/20/22	6071.30	ND	50.54		6020.76
MW-23	11/05/22	6071.30	ND	50.30		6021.00
MW-23	05/19/23	6071.30	ND	50.08		6021.22
MW-23	11/11/23	6071.30	ND	50.07		6021.23
MW-23	05/15/24	6071.30	ND	50.09		6021.21
MW-23	11/09/24	6071.30	ND	50.26		6021.04
MW-23	05/19/25	6071.30	ND	53.80		6017.50
MW-23	11/16/25	6071.30	ND	50.50		6020.80
MW-24	11/05/22	6070.20	ND	50.20		6020.00
MW-24	05/19/23	6070.20	ND	49.91		6020.29
MW-24	11/11/23	6070.20	ND	49.91		6020.29
MW-24	05/15/24	6070.20	ND	49.97		6020.23
MW-24	11/09/24	6070.20	ND	50.17		6020.03
MW-24	05/19/25	6070.20	ND	50.29		6019.91
MW-24	11/16/25	6070.20	ND	50.41		6019.79

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Federal #4						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-25	11/05/22	6069.28	ND	50.54		6018.74
MW-25	05/19/23	6069.28	ND	50.54		6018.74
MW-25	11/11/23	6069.28	ND	50.61		6018.67
MW-25	05/15/24	6070.28	ND	50.50		6019.78
MW-25	11/09/24	6070.28	ND	50.62		6019.66
MW-25	05/19/25	6070.28	ND	50.74		6019.54
MW-25	11/16/25	6070.28	ND	50.74		6019.54
SVE-1	10/26/18	6072.44	ND	46.38		6026.06
SVE-1	05/22/19	6072.44	ND	46.38		6026.06
SVE-1	11/12/19	6072.44	ND	46.32		6026.12
SVE-1	05/17/20	6072.44	ND	46.39		6026.05
SVE-1	11/13/20	6072.44	ND	46.38		6026.06
SVE-1	05/18/21	6072.44	ND	46.41		6026.03
TW-1	10/26/18	6071.74	ND	50.36		6021.38
TW-1	05/22/19	6071.74	ND	50.42		6021.32
TW-1	11/12/19	6071.74	ND	50.54		6021.20
TW-1	05/17/20	6071.74	ND	50.61		6021.13
TW-1	11/13/20	6071.74	ND	50.72		6021.02
TW-1	05/18/21	6071.74	ND	50.80		6020.94
TW-2	10/26/18	6071.63	ND	50.28		6021.35
TW-2	05/22/19	6071.63	ND	50.35		6021.28
TW-2	11/12/19	6071.63	ND	50.43		6021.20
TW-2	05/17/20	6071.63	ND	50.38		6021.25
TW-2	11/13/20	6071.63	ND	50.62		6021.01
TW-2	05/18/21	6071.63	ND	50.70		6020.93

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>).

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	08/08/95	590	2040	137	1764
MW-1	01/04/96	7380	20900	1480	14600
MW-1	12/17/96	762	1930	107	1270
MW-1	03/06/97	483	1110	66.1	678
MW-1	06/22/01	NS	NS	NS	NS
MW-1	09/04/01	NS	NS	NS	NS
MW-1	03/04/02	NS	NS	NS	NS
MW-1	06/03/02	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	06/23/05	NS	NS	NS	NS
MW-1	09/20/05	NS	NS	NS	NS
MW-1	12/14/05	NS	NS	NS	NS
MW-1	12/15/05	NS	NS	NS	NS
MW-1	03/27/06	NS	NS	NS	NS
MW-1	06/07/06	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	03/03/09	NS	NS	NS	NS
MW-1	06/09/09	1630	3000	268	3880
MW-1	08/28/09	NS	NS	NS	NS
MW-1	11/04/09	NS	NS	NS	NS
MW-1	02/11/10	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	06/07/10	1630	3130	213	3840
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/02/10	NS	NS	NS	NS
MW-1	02/07/11	NS	NS	NS	NS
MW-1	05/10/11	1000	1710	206	2400
MW-1	09/23/11	NS	NS	NS	NS
MW-1	11/01/11	NS	NS	NS	NS
MW-1	02/21/12	NS	NS	NS	NS
MW-1	05/14/12	1200	2170	152	2580
MW-1	06/09/13	3900	14000	610	10000
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	05/29/15	1600	4000	220	2400
MW-1	11/23/15	NS	NS	NS	NS
MW-1	04/16/16	NS	NS	NS	NS
MW-1	10/12/16	NS	NS	NS	NS
MW-1	06/09/17	NS	NS	NS	NS
MW-1	11/12/17	NS	NS	NS	NS
MW-1	05/16/18	NS	NS	NS	NS
MW-1	07/15/18	NS	NS	NS	NS
MW-1	10/26/18	NS	NS	NS	NS
MW-1	05/22/19	NS	NS	NS	NS
MW-1	11/12/19	NS	NS	NS	NS
MW-1	05/17/20	NS	NS	NS	NS
MW-1	11/13/20	NS	NS	NS	NS
MW-1	05/18/21	NS	NS	NS	NS
MW-1	11/15/21	NS	NS	NS	NS
MW-1	05/20/22	NS	NS	NS	NS
MW-1	11/05/22	NS	NS	NS	NS
MW-1	05/19/23	NS	NS	NS	NS
MW-1	11/11/23	420000	5700	140	3700
MW-1	05/15/24	NS	NS	NS	NS
MW-1	11/09/24	5200	5200	140	5600
DUP-02(MW-1)*	11/09/24	3900	3700	110	3800
MW-1	05/19/25	NS	NS	NS	NS
MW-1	11/16/25	640	18	83	470
DUP-02(MW-1)*	11/16/25	750	22	99	580

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	01/04/96	1104	5107	479	4640
MW-2	12/17/96	5900	8970	197	4670
MW-2	03/06/97	4500	6480	236	4920
MW-2	06/22/01	2800	180	41	140
MW-2	09/04/01	NS	NS	NS	NS
MW-2	06/03/02	370	11	24	18
MW-2	09/10/02	NS	NS	NS	NS
MW-2	12/12/02	NS	NS	NS	NS
MW-2	06/18/03	186	<5	34.9	16.8
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	88.9	24	32.9	15.2
MW-2	09/22/04	NS	NS	NS	NS
MW-2	12/21/04	NS	NS	NS	NS
MW-2	03/23/05	NS	NS	NS	NS
MW-2	06/23/05	283	9.4	27.7	64.5
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	06/07/06	92.1	18.4	4.4	5.9
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	06/19/07	83	<1	7.3	7.2
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	201	4.2	16.6	17.9
MW-2	09/10/08	NS	NS	NS	NS
MW-2	12/02/08	NS	NS	NS	NS
MW-2	03/03/09	NS	NS	NS	NS
MW-2	06/04/09	NS	NS	NS	NS
MW-2	06/09/09	18.5	0.82 J	2.8	6.9
MW-2	08/28/09	NS	NS	NS	NS
MW-2	11/04/09	NS	NS	NS	NS
MW-2	02/11/10	NS	NS	NS	NS
MW-2	06/07/10	5.6	0.99 J	<2	<6
MW-2	09/24/10	NS	NS	NS	NS
MW-2	11/02/10	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	02/07/11	NS	NS	NS	NS
MW-2	05/10/11	5.3	1.2	0.046 J	J2.3
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	7.2	1.4	0.56 J	2.7 J
MW-2	06/09/13	1.8	<0.30	<0.20	<0.23
MW-2	09/09/13	1.7	<0.30	<0.20	<0.23
MW-2	12/12/13	1.5 J	<0.38	<0.20	0.80 J
MW-2	04/02/14	540	36	230	1500
MW-2	10/23/14	0.74 J	<0.70	<0.50	<1.6
MW-2	05/29/15	0.63 J	<5.0	<1.0	2.6 J
MW-2	11/23/15	<1.0	<1.0	<1.0	<3.0
MW-2	04/16/16	NS	NS	NS	NS
MW-2	10/12/16	NS	NS	NS	NS
MW-2	06/09/17	NS	NS	NS	NS
MW-2	11/12/17	NS	NS	NS	NS
MW-2	05/16/18	NS	NS	NS	NS
MW-2	10/26/18	2.5	<1.0	<1.0	<10
MW-2	05/22/19	NS	NS	NS	NS
MW-2	11/12/19	NS	NS	NS	NS
MW-2	05/17/20	NS	NS	NS	NS
MW-2	11/13/20	42	1.3	<1.0	<10
MW-2	05/18/21	NS	NS	NS	NS
MW-2	11/15/21	NS	NS	NS	NS
MW-2	05/20/22	NS	NS	NS	NS
MW-2	11/05/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-2)*	11/05/22	<1.0	<1.0	<1.0	<10
MW-2	05/19/23	NS	NS	NS	NS
MW-2	11/11/23	<1.0	<1.0	<1.0	<10
MW-2	05/15/24	NS	NS	NS	NS
MW-2	11/09/24	<1.0	<1.0	<1.0	<10
MW-2	05/19/25	NS	NS	NS	NS
MW-2	11/16/25	<1.0	<1.0	<1.0	<10
MW-3	03/19/96	3660	5410	436	3730
MW-3	12/17/96	3910	8210	530	5020
MW-3	03/06/97	6670	12700	759	7020
MW-3	06/22/01	NS	NS	NS	NS
MW-3	09/04/01	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	03/04/02	NS	NS	NS	NS
MW-3	06/03/02	NS	NS	NS	NS
MW-3	09/10/02	NS	NS	NS	NS
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
MW-3	03/23/05	NS	NS	NS	NS
MW-3	06/23/05	NS	NS	NS	NS
MW-3	09/20/05	NS	NS	NS	NS
MW-3	12/14/05	NS	NS	NS	NS
MW-3	12/15/05	NS	NS	NS	NS
MW-3	03/27/06	NS	NS	NS	NS
MW-3	06/07/06	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	03/03/09	NS	NS	NS	NS
MW-3	06/09/09	6100	8700	627	6630
MW-3	08/28/09	NS	NS	NS	NS
MW-3	11/04/09	NS	NS	NS	NS
MW-3	02/11/10	NS	NS	NS	NS
MW-3	06/07/10	7440	10800	578	7170
MW-3	09/24/10	NS	NS	NS	NS
MW-3	11/02/10	NS	NS	NS	NS
MW-3	02/07/11	NS	NS	NS	NS
MW-3	05/10/11	4180	4990	421	3780
MW-3	09/23/11	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	11/01/11	NS	NS	NS	NS
MW-3	02/21/12	NS	NS	NS	NS
MW-3	05/14/12	8100	15800	1040	11100
MW-3	06/09/13	5100	12000	870	11000
MW-3	09/09/13	NS	NS	NS	NS
MW-3	12/12/13	NS	NS	NS	NS
MW-3	04/02/14	NS	NS	NS	NS
MW-3	10/23/14	NS	NS	NS	NS
MW-3	05/29/15	NS	NS	NS	NS
MW-3	11/23/15	NS	NS	NS	NS
MW-3	04/16/16	NS	NS	NS	NS
MW-3	10/12/16	NS	NS	NS	NS
MW-3	06/09/17	NS	NS	NS	NS
MW-3	11/12/17	NS	NS	NS	NS
MW-3	05/16/18	NS	NS	NS	NS
MW-3	07/15/18	NS	NS	NS	NS
MW-3	10/26/18	NS	NS	NS	NS
MW-3	05/22/19	NS	NS	NS	NS
MW-3	11/12/19	NS	NS	NS	NS
MW-3	05/17/20	NS	NS	NS	NS
MW-3	08/19/20	NS	NS	NS	NS
MW-3	11/13/20	NS	NS	NS	NS
MW-3	05/18/21	NS	NS	NS	NS
MW-3	11/15/21	NS	NS	NS	NS
MW-3	05/20/22	NS	NS	NS	NS
MW-3	11/05/22	NS	NS	NS	NS
MW-3	05/19/23	NS	NS	NS	NS
MW-3	11/11/23	370	<5.0	<5.0	<50
MW-3	05/15/24	NS	NS	NS	NS
MW-3	11/09/24	82	<1.0	1.3	10
MW-3	05/19/25	NS	NS	NS	NS
MW-3	11/16/25	<1.0	<1.0	<1.0	<10
MW-4	12/07/06	NS	NS	NS	NS
MW-4	03/28/07	NS	NS	NS	NS
MW-4	06/19/07	<1	<1	<1	<2
MW-4	09/17/07	NS	NS	NS	NS
MW-4	12/17/07	NS	NS	NS	NS
MW-4	03/10/08	NS	NS	NS	NS
MW-4	06/17/08	<1	<1	<1	<2

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	09/10/08	NS	NS	NS	NS
MW-4	12/02/08	NS	NS	NS	NS
MW-4	03/03/09	NS	NS	NS	NS
MW-4	06/09/09	<1	0.47 J	<1	0.77 J
MW-4	08/28/09	NS	NS	NS	NS
MW-4	11/04/09	NS	NS	NS	NS
MW-4	02/11/10	NS	NS	NS	NS
MW-4	06/07/10	<2	<2	<2	<6
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	05/10/11	<1	<1	<1	<3
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	0.41 J	0.36 J	0.33 J	<1
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	<0.38	<0.20	<0.65
MW-4	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-4	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/29/15	<1.0	1.3 J	<1.0	<5.0
MW-4	11/23/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/16/16	NS	NS	NS	NS
MW-4	10/12/16	NS	NS	NS	NS
MW-4	06/09/17	NS	NS	NS	NS
MW-4	11/12/17	NS	NS	NS	NS
MW-4	05/16/18	NS	NS	NS	NS
MW-4	10/26/18	<1.0	<1.0	<1.0	<10
MW-4	05/22/19	NS	NS	NS	NS
MW-4	11/12/19	NS	NS	NS	NS
MW-4	05/17/20	NS	NS	NS	NS
MW-4	11/13/20	<1.0	<1.0	<1.0	<10
MW-4	05/18/21	NS	NS	NS	NS
MW-4	11/15/21	NS	NS	NS	NS
MW-4	05/20/22	NS	NS	NS	NS
MW-4	11/05/22	<1.0	<1.0	<1.0	<10
MW-4	05/19/23	NS	NS	NS	NS
MW-4	11/11/23	<1.0	<1.0	<1.0	<10
MW-4	05/15/24	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	11/09/24	<1.0	<1.0	<1.0	<10
MW-4	05/19/25	NS	NS	NS	NS
MW-4	11/16/25	<1.0	<1.0	<1.0	<10
TMW-5	12/07/06	NS	NS	NS	NS
TMW-5	03/28/07	NS	NS	NS	NS
TMW-5	06/19/07	2730	7.6	680	1160
TMW-5	09/17/07	NS	NS	NS	NS
TMW-5	12/17/07	NS	NS	NS	NS
TMW-5	03/10/08	NS	NS	NS	NS
TMW-5	06/17/08	3190	217	651	1220
TMW-5	09/10/08	NS	NS	NS	NS
TMW-5	12/02/08	NS	NS	NS	NS
TMW-5	03/03/09	NS	NS	NS	NS
TMW-5	06/09/09	1540	285	568	784
TMW-5	08/28/09	NS	NS	NS	NS
TMW-5	11/04/09	NS	NS	NS	NS
TMW-5	02/11/10	NS	NS	NS	NS
TMW-5	06/07/10	1970	207	591	746
TMW-5	09/24/10	NS	NS	NS	NS
TMW-5	11/02/10	NS	NS	NS	NS
TMW-5	02/07/11	NS	NS	NS	NS
TMW-5	05/10/11	3730	124	459	221
TMW-5	09/23/11	NS	NS	NS	NS
TMW-5	11/01/11	NS	NS	NS	NS
TMW-5	02/21/12	NS	NS	NS	NS
TMW-5	05/14/12	6180	52.6	614	243
TMW-5	06/09/13	6400	210	400	180
TMW-5	09/09/13	5600	26	470	100
TMW-5	12/12/13	3900	29 J	400	120
TMW-5	04/02/14	4900	770	510	630
TMW-5	Well abandoned 8/11/2014				
MW-6	12/12/13	NS	NS	NS	NS
MW-6	04/02/14	NS	NS	NS	NS
MW-6	10/23/14	230	3.3	420	120
MW-6	05/29/15	130	4.8 J	210	86
MW-6	11/23/15	330	21	260	84
MW-6	04/16/16	49	52	140	40
MW-6	10/12/16	77	25	17	<5.0

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	06/09/17	36	<5.0	<1.0	15
MW-6	11/12/17	66	20	9.5	83
MW-6	05/16/18	17	2.8	<1.0	<10
MW-6	10/26/18	110	1.9	4.0	26
MW-6	05/22/19	33	<1.0	<1.0	<10
MW-6	11/12/19	15	<1.0	<1.0	<2.0
DUP-01(MW-6)*	11/12/19	15	<1.0	<1.0	<2.0
MW-6	05/17/20	7.8	<1.0	<1.0	<10
MW-6	11/13/20	8.9	<1.0	<1.0	<10
MW-6	05/18/21	4.2	<0.41	<0.50	<1.6
MW-6	11/15/21	1.5	<1.0	<1.0	<10
DUP-01(MW-6)*	11/15/21	1.3	<1.0	<1.0	<10
MW-6	05/20/22	1.7	<1.0	<1.0	<10
MW-6	11/05/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-6)*	11/05/22	<1.0	<1.0	<1.0	<10
MW-6	05/19/23	<1.0	<1.0	<1.0	<10
MW-6	11/11/23	<1.0	<1.0	<1.0	<10
DUP-02(MW-6)*	11/11/23	<1.0	<1.0	<1.0	<10
MW-6	05/15/24	<1.0	<1.0	<1.0	<10
MW-6	11/09/24	1.2	<1.0	<1.0	<10
MW-6	05/19/25	5.5	<1.0	1.7	10
MW-6	11/16/25	<1.0	<1.0	<1.0	<10
MW-7	12/12/13	120	110	49 J	490
MW-7	04/02/14	3.5	3.6	4	<0.65
MW-7	10/23/14	4.6	<0.70	2.8	<1.6
MW-7	05/29/15	<1.0	<5.0	<1.0	<5.0
MW-7	11/23/15	<1.0	<1.0	<1.0	<3.0
MW-7	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-7	10/12/16	<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	NS	NS	NS	NS
MW-7	10/26/18	NS	NS	NS	NS
MW-7	05/22/19	NS	NS	NS	NS
MW-7	11/12/19	NS	NS	NS	NS
MW-7	05/17/20	NS	NS	NS	NS
MW-7	11/13/20	NS	NS	NS	NS
MW-7	05/18/21	NS	NS	NS	NS
MW-7	11/15/21	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-7	05/20/22	NS	NS	NS	NS
MW-7	11/05/22	NS	NS	NS	NS
MW-7	05/19/23	NS	NS	NS	NS
MW-7	11/11/23	NS	NS	NS	NS
MW-7	05/15/24	NS	NS	NS	NS
MW-7	11/09/24	NS	NS	NS	NS
MW-7	05/19/25	NS	NS	NS	NS
MW-8	12/12/13	NS	NS	NS	NS
MW-8	04/02/14	NS	NS	NS	NS
MW-8	10/23/14	NS	NS	NS	NS
MW-8	05/29/15	NS	NS	NS	NS
MW-8	11/23/15	NS	NS	NS	NS
MW-8	04/16/16	NS	NS	NS	NS
MW-8	10/12/16	NS	NS	NS	NS
MW-8	06/09/17	NS	NS	NS	NS
MW-8	11/12/17	NS	NS	NS	NS
MW-8	05/16/18	NS	NS	NS	NS
MW-8	07/15/18	NS	NS	NS	NS
MW-8	10/26/18	NS	NS	NS	NS
MW-8	05/22/19	NS	NS	NS	NS
MW-8	11/12/19	NS	NS	NS	NS
MW-8	05/17/20	NS	NS	NS	NS
MW-8	11/13/20	NS	NS	NS	NS
MW-8	05/18/21	NS	NS	NS	NS
MW-8	11/15/21	NS	NS	NS	NS
MW-8	05/20/22	NS	NS	NS	NS
MW-8	11/05/22	NS	NS	NS	NS
MW-8	05/19/23	NS	NS	NS	NS
MW-8	11/11/23	NS	NS	NS	NS
MW-8	05/15/24	NS	NS	NS	NS
MW-8	11/09/24	NS	NS	NS	NS
MW-8	05/19/25	NS	NS	NS	NS
MW-9	12/12/13	180	310	46	430
MW-9	04/02/14	230	27	140	810
MW-9	10/23/14	10	1.6	9.4	2.9 J
MW-9	05/29/15	15	8.4 J	6	21
MW-9	11/23/15	9	2.8	<1.0	<3.0
MW-9	04/16/16	29	24	4.3	8.3

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	10/12/16	1	8.7	<1.0	<5.0
MW-9	06/09/17	29	11	<1.0	5.4
MW-9	11/12/17	130	42	2.1	10
MW-9	05/16/18	1400	250	20	130
MW-9	10/26/18	600	130	9.5	67
MW-9	05/22/19	1800	120	38	240
MW-9	11/12/19	29	1.3	<1.0	3.0
MW-9	05/17/20	3300	110	70	450.0
MW-9	11/13/20	240	<2.0	6.1	35.0
MW-9	05/18/21	15	<0.41	<0.50	1.7 J
MW-9	11/15/21	8.9	<1.0	<1.0	<10
MW-9	05/20/22	56	1.7	1.1	<10
MW-9	11/05/22	39	<1.0	<1.0	<10
MW-9	05/19/23	85	6.5	2.2	13
MW-9	11/11/23	56	<1.0	1.3	<10
MW-9	05/15/24	130	9	4.8	25
MW-9	11/09/24	160	<1.0	6.8	29
MW-9	05/19/25	47	<1.0	2.5	12
MW-9	11/16/25	22	15	<1.0	<10
MW-10	12/12/13	1200	3500	300	3200
MW-10	04/02/14	4.3	7	<0.20	13
MW-10	10/23/14	93	1.3	87	50
MW-10	05/29/15	130	8.5	31	13
MW-10	11/23/15	120	20	8.8	11
MW-10	04/16/16	NS	NS	NS	NS
MW-10	10/12/16	NS	NS	NS	NS
MW-10	06/09/17	NS	NS	NS	NS
MW-10	11/12/17	NS	NS	NS	NS
MW-10	05/16/18	NS	NS	NS	NS
MW-10	10/26/18	210	13	2.2	<10
MW-10	05/22/19	NS	NS	NS	NS
MW-10	11/12/19	NS	NS	NS	NS
MW-10	05/17/20	NS	NS	NS	NS
MW-10	11/13/20	2700	<20	53	<200
MW-10	05/18/21	NS	NS	NS	NS
MW-10	11/15/21	NS	NS	NS	NS
MW-10	05/20/22	NS	NS	NS	NS
MW-10	11/05/22	36	<1.0	<1.0	<10
MW-10	05/19/23	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-10	11/11/23	1500	9.9	26	71
MW-10	05/15/24	NS	NS	NS	NS
MW-10	11/09/24	130	2.8	2.8	<10
MW-10	05/19/25	NS	NS	NS	NS
MW-10	11/16/25	3.9	<1.0	<1.0	<10
MW-11	12/12/13	NS	NS	NS	NS
MW-11	04/02/14	NS	NS	NS	NS
MW-11	10/23/14	NS	NS	NS	NS
MW-11	05/29/15	NS	NS	NS	NS
MW-11	11/23/15	NS	NS	NS	NS
MW-11	04/16/16	NS	NS	NS	NS
MW-11	10/12/16	NS	NS	NS	NS
MW-11	06/09/17	NS	NS	NS	NS
MW-11	11/12/17	NS	NS	NS	NS
MW-11	05/16/18	NS	NS	NS	NS
MW-11	07/15/18	NS	NS	NS	NS
MW-11	10/26/18	NS	NS	NS	NS
MW-11	05/22/19	NS	NS	NS	NS
MW-11	11/12/19	NS	NS	NS	NS
MW-11	05/17/20	NS	NS	NS	NS
MW-11	11/13/20	NS	NS	NS	NS
MW-11	05/18/21	NS	NS	NS	NS
MW-11	11/15/21	NS	NS	NS	NS
MW-11	05/20/22	NS	NS	NS	NS
MW-11	11/05/22	290	240	280	330
MW-11	05/19/23	NS	NS	NS	NS
MW-11	11/11/23	19	9.0	73	27
MW-11	05/15/24	NS	NS	NS	NS
MW-11	11/09/24	NS	NS	NS	NS
MW-11	05/19/25	NS	NS	NS	NS
MW-11	11/16/25	<1.0	5.1	13	25
MW-12	12/12/13	<0.14	<0.30	<0.20	0.39 J
MW-12	04/02/14	<0.20	0.54 J	<0.20	<0.65
MW-12	10/23/14	0.71 J	<0.70	0.59 J	<1.6
MW-12	05/29/15	<1.0	<5.0	<1.0	<5.0
MW-12	11/23/15	<1.0	<1.0	<1.0	<3.0
MW-12	04/16/16	NS	NS	NS	NS
MW-12	10/12/16	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-12	06/09/17	NS	NS	NS	NS
MW-12	11/12/17	NS	NS	NS	NS
MW-12	05/16/18	NS	NS	NS	NS
MW-12	10/26/18	<1.0	<1.0	<1.0	<10
MW-12	05/22/19	NS	NS	NS	NS
MW-12	11/12/19	NS	NS	NS	NS
MW-12	05/17/20	NS	NS	NS	NS
MW-12	11/13/20	<1.0	<1.0	<1.0	<10
MW-12	05/18/21	NS	NS	NS	NS
MW-12	11/15/21	NS	NS	NS	NS
MW-12	05/20/22	NS	NS	NS	NS
MW-12	11/05/22	<1.0	<1.0	<1.0	<10
MW-12	05/19/23	NS	NS	NS	NS
MW-12	11/11/23	<1.0	<1.0	<1.0	<10
MW-12	05/15/24	NS	NS	NS	NS
MW-12	11/09/24	<1.0	<1.0	<1.0	<10
MW-12	05/19/25	NS	NS	NS	NS
MW-12	11/16/25	<1.0	<1.0	<1.0	<10
MW-13	10/23/14	710	2	7.8	21
MW-13	05/29/15	6.1	<5.0	0.81 J	2.4 J
MW-13	11/23/15	3.7	<1.0	<1.0	<3.0
MW-13	04/16/16	1.6	<5.0	<1.0	<5.0
MW-13	10/12/16	1.8	<5.0	<1.0	<5.0
MW-13	06/09/17	3.4	<5.0	<1.0	<5.0
MW-13	11/12/17	<1.0	<1.0	<1.0	<10
MW-13	05/16/18	43	<1.0	<1.0	<10
MW-13	10/26/18	11	<1.0	<1.0	<10
MW-13	05/22/19	24	<1.0	<1.0	<10
MW-13	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-13	05/17/20	360	<2.0	3.6	<20
MW-13	11/13/20	11	<1.0	<1.0	<10
MW-13	05/18/21	560	<0.82	5.9	16 J
MW-13	11/15/21	1.6	<1.0	<1.0	<10
MW-13	05/20/22	10	<1.0	<1.0	<10
MW-13	11/05/22	2.1	<1.0	<1.0	<10
MW-13	05/19/23	2.8	<1.0	<1.0	<10
MW-13	11/11/23	7.3	<1.0	<1.0	<10
MW-13	05/15/24	1.2	<1.0	<1.0	<10
MW-13	11/09/24	5	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-13	05/19/25	1.5	<1.0	<1.0	<10
MW-13	11/16/25	<1.0	<1.0	<1.0	<10
MW-14	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-14	05/29/15	<1.0	<5.0	<1.0	<5.0
MW-14	11/23/15	<1.0	<1.0	<1.0	<3.0
MW-14	04/16/16	NS	NS	NS	NS
MW-14	10/12/16	NS	NS	NS	NS
MW-14	06/09/17	NS	NS	NS	NS
MW-14	11/12/17	NS	NS	NS	NS
MW-14	05/16/18	NS	NS	NS	NS
MW-14	10/26/18	9.4	<1.0	<1.0	<10
MW-14	05/22/19	NS	NS	NS	NS
MW-14	11/12/19	NS	NS	NS	NS
MW-14	05/17/20	41	<1.0	<1.0	<10
MW-14	11/13/20	12	<1.0	<1.0	<10
MW-14	05/18/21	NS	NS	NS	NS
MW-14	11/15/21	NS	NS	NS	NS
MW-14	05/20/22	NS	NS	NS	NS
MW-14	11/05/22	4.4	<1.0	<1.0	<10
MW-14	05/19/23	NS	NS	NS	NS
MW-14	11/11/23	<1.0	<1.0	<1.0	<10
MW-14	05/15/24	NS	NS	NS	NS
MW-14	11/09/24	<1.0	<1.0	<1.0	<10
MW-14	05/19/25	NS	NS	NS	NS
MW-14	11/16/25	<1.0	<1.0	<1.0	<10
MW-15	10/23/14	61	1	18	120
MW-15	05/29/15	3200	1500	410	1700
MW-15	11/23/15	180	19	19	24
MW-15	04/16/16	5.8	9.5	<1.0	8.5
MW-15	10/12/16	8.3	7.6	<1.0	6.2
MW-15	06/09/17	19	<5.0	3	15
MW-15	11/12/17	1100	180	71	290
MW-15	05/16/18	980	190	32	190
MW-15	10/26/18	140	33	3.5	23
DUP-01(MW-15)*	10/26/18	150	32	3.0	21
MW-15	05/22/19	25	4.3	<1.0	<10
MW-15	11/12/19	210	26	8.9	70
MW-15	05/17/20	99	9.7	1.9	18

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-15	11/13/20	20	<1.0	<1.0	<10
MW-15	05/18/21	42	1.2	0.83 J	6.9 J
MW-15	11/15/21	120	12	3.7	30
MW-15	05/20/22	1.9	<1.0	<1.0	<10
MW-15	11/05/22	21	<1.0	<1.0	<10
MW-15	05/19/23	1.6	<1.0	<1.0	<10
MW-15	11/11/23	2100	<20	72	480
MW-15	05/15/24	1200	47	34	230
MW-15	11/09/24	1900	33	68	450
MW-15	05/19/25	460	29	31	250
MW-15	11/16/25	<1.0	<1.0	<1.0	<10
MW-16	10/23/14	0.93 J	<0.70	<0.50	3.4 J
MW-16	05/29/15	54	15	22	24
MW-16	11/23/15	4.2	1.1	2.3	<3.0
MW-16	04/16/16	590	120	140	430
MW-16	10/12/16	<1.0	<5.0	<1.0	<5.0
MW-16	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-16	11/12/17	29	2.3	2.8	14
MW-16	05/16/18	36	15	1.8	16
DUP-01(MW-16)*	05/16/18	30	11	1.2	11
MW-16	10/26/18	9.2	<1.0	<1.0	<10
MW-16	05/22/19	12	<1.0	<1.0	<10
MW-16	11/12/19	9.7	<1.0	<1.0	<2.0
MW-16	05/17/20	12	<1.0	<1.0	<10
MW-16	11/13/20	2.7	<1.0	<1.0	<10
MW-16	05/18/21	5.3	<0.41	<0.50	<1.6
MW-16	11/15/21	150	<1.0	5.4	<10
MW-16	05/20/22	2.4	<1.0	<1.0	<10
MW-16	11/05/22	1.6	<1.0	<1.0	<10
MW-16	05/19/23	12	<1.0	<1.0	<10
MW-16	11/11/23	1200	<10	49	<100
MW-16	05/15/24	340	<1.0	20	34
MW-16	11/09/24	320	<2.0	27	28
MW-16	05/19/25	54	<1.0	6.6	12
MW-16	11/16/25	<1.0	<1.0	<1.0	<10
MW-17	10/23/14	3	<0.70	1.5	4.6 J
MW-17	05/29/15	6.7	0.98 J	3.4	16
MW-17	11/23/15	14	<1.0	5.9	12

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-17	04/16/16	NS	NS	NS	NS
MW-17	10/12/16	NS	NS	NS	NS
MW-17	06/09/17	NS	NS	NS	NS
MW-17	11/12/17	NS	NS	NS	NS
MW-17	05/16/18	NS	NS	NS	NS
MW-17	10/26/18	13	<1.0	2.6	<10
MW-17	05/22/19	NS	NS	NS	NS
MW-17	11/12/19	NS	NS	NS	NS
MW-17	05/17/20	2.7	<1.0	<1.0	<10
MW-17	11/13/20	<1.0	<1.0	<1.0	<10
MW-17	05/18/21	<0.38	<0.41	<0.50	<1.6
MW-17	11/15/21	<1.0	<1.0	<1.0	<10
MW-17	05/20/22	1.1	<1.0	<1.0	<10
MW-17	11/05/22	<1.0	<1.0	<1.0	<10
MW-17	05/19/23	6.3	<1.0	1.1	<10
MW-17	11/11/23	690	<10	180	1000
MW-17	05/15/24	75	<1.0	22	100
MW-17	11/09/24	95	<1.0	25	110
MW-17	05/19/25	270	<1.0	61	230
MW-17	11/16/25	<1.0	<1.0	<1.0	<10
MW-18	10/23/14	6.5	3.2	<0.50	11
MW-18	05/29/15	12	7.2	2.8	16
MW-18	11/23/15	18	10	3.6	24
MW-18	04/16/16	2.4	<5.0	1.1	7.5
MW-18	10/12/16	1.4	<5.0	<1.0	<5.0
MW-18	06/09/17	8.7	<5.0	3.5	24
MW-18	11/12/17	<1.0	<1.0	<1.0	<10
MW-18	05/16/18	8.9	<1.0	2.4	17
MW-18	10/26/18	32	5.5	9.8	75
MW-18	05/22/19	9.1	<1.0	3.1	21
MW-18	11/12/19	24	<1.0	8.8	64
MW-18	05/17/20	160	<2.0	56	420
DUP-01(MW-18)*	05/17/20	17	<1.0	6.7	51
MW-18	11/13/20	3.2	<1.0	1.3	<10
MW-18	05/18/21	3.7	<0.41	1.0	7.0 J
DUP-01(MW-18)*	05/18/21	7.4	<0.41	2.2	15
MW-18	11/15/21	4.7	<1.0	1.6	11
MW-18	05/20/22	7.9	<1.0	1.6	11
DUP-01(MW-18)*	05/20/22	2.9	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-18	11/05/22	3.5	<1.0	1.0	<10
MW-18	05/19/23	7.5	<1.0	1.5	10
MW-18	11/11/23	16	<1.0	4.0	26
MW-18	05/15/24	81	<1.0	24.0	160
MW-18	11/09/24	16	<1.0	3.9	22
DUP-01(MW-18)*	11/09/24	20	<1.0	6.1	36
MW-18	05/19/25	4.6	<1.0	1.8	<10
DUP-01(MW-18)*	05/19/25	1.9	<1.0	<1.0	<10
MW-18	11/16/25	<1.0	<1.0	<1.0	<10
MW-19	10/23/14	22	6	1.7	20
MW-19	05/29/15	3.7	<5.0	1.3	2.6 J
MW-19	11/23/15	67	18	15	40
MW-19	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-19	10/12/16	<1.0	<5.0	<1.0	<5.0
MW-19	06/09/17	64	31	7.3	55
MW-19	11/12/17	68	20	8.5	62
MW-19	05/16/18	31	1.2	1.7	13
MW-19	10/26/18	15	<1.0	1	<10
MW-19	05/22/19	190	<1.0	13	88
MW-19	11/12/19	27	<1.0	2.2	15
MW-19	05/17/20	18	<1.0	1.5	10
MW-19	11/13/20	16	<1.0	1.4	<10
DUP-02(MW-19)*	11/13/20	29	<1.0	2.8	18
MW-19	05/18/21	46	<0.41	3.4	24
MW-19	11/15/21	<1.0	<1.0	<1.0	<10
MW-19	05/20/22	10	<1.0	<1.0	<10
MW-19	11/05/22	8.6	<1.0	<1.0	<10
MW-19	05/19/23	21	<1.0	1.5	<10
MW-19	11/11/23	75	<1.0	4.4	41
MW-19	05/15/24	20	<1.0	1.8	12
MW-19	11/09/24	9.6	<1.0	<1.0	<10
MW-19	05/19/25	6.8	<1.0	<1.0	<10
MW-19	11/16/25	<1.0	<1.0	<1.0	<10
MW-20	10/23/14	28	2.7	2.6	42
MW-20	05/29/15	28	3.7 J	10	6.3
MW-20	11/23/15	6.9	<1.0	12	<3.0
MW-20	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-20	10/12/16	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-20	06/09/17	42	11	1.1	37
MW-20	11/12/17	58	25	1.3	17
MW-20	05/16/18	71	5.6	1.2	13
MW-20	10/26/18	82	19	1.7	17
MW-20	05/22/19	3.3	<1.0	<1.0	<10
DUP-01(MW-20)*	05/22/19	16	<1.0	<1.0	<10
MW-20	11/12/19	170	<1.0	3.2	28
MW-20	05/17/20	19	<1.0	<1.0	<10
MW-20	11/13/20	210	<1.0	3.6	35
MW-20	05/18/21	250	7.6	2.7	34
MW-20	11/15/21	9.3	<1.0	<1.0	<10
MW-20	05/20/22	120	2	2.6	23
MW-20	11/05/22	43	<1.0	2.3	11
MW-20	05/19/23	110	1.0	2.3	20
MW-20	11/11/23	420	<5.0	15	110
MW-20	05/15/24	220	2.9	5.3	40
MW-20	11/09/24	330	<2.0	19	140
MW-20	05/19/25	190	15	8.1	65
MW-20	11/16/25	<1.0	<1.0	<1.0	<10
MW-21	05/17/20	6800	1200	220	2800
MW-21	11/13/20	NS	NS	NS	NS
MW-21	05/18/21	NS	NS	NS	NS
MW-21	11/15/21	NS	NS	NS	NS
MW-21	05/20/22	NS	NS	NS	NS
MW-21	11/05/22	NS	NS	NS	NS
MW-21	11/15/22	NS	NS	NS	NS
MW-21	05/19/23	NS	NS	NS	NS
MW-21	11/11/23	NS	NS	NS	NS
MW-21	05/15/24	NS	NS	NS	NS
MW-21	11/09/24	NS	NS	NS	NS
MW-21	05/19/25	NS	NS	NS	NS
MW-22	05/17/20	NS	NS	NS	NS
MW-22	11/13/20	NS	NS	NS	NS
MW-22	05/18/21	NS	NS	NS	NS
MW-22	11/15/21	NS	NS	NS	NS
MW-22	05/20/22	NS	NS	NS	NS
MW-22	11/05/22	NS	NS	NS	NS
MW-22	11/15/22	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-22	05/19/23	160	<2.0	43	440
MW-22	11/11/23	700 H	<20 H	190 H	2100 H
MW-22	05/15/24	NS	NS	NS	NS
MW-22	11/09/24	5.0	<1.0	2.5	22
MW-22	05/19/25	NS	NS	NS	NS
MW-22	11/16/25	200	<5.0	95	670
DUP-01(MW-22)	11/16/25	110	<5.0	47	330
MW-23	05/17/20	3.3	4	1.7	15
MW-23	11/13/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-23)*	11/13/20	<1.0	<1.0	<1.0	<10
MW-23	05/18/21	<0.38	<0.41	<0.50	<1.6
MW-23	11/15/21	<1.0	<1.0	<1.0	<10
MW-23	05/20/22	<1.0	<1.0	<1.0	<10
MW-23	11/05/22	<1.0	<1.0	<1.0	<10
MW-23	05/19/23	<1.0	<1.0	<1.0	<10
MW-23	11/11/23	<1.0	<1.0	<1.0	<10
MW-23	05/15/24	<1.0	<1.0	<1.0	<10
MW-23	11/09/24	<1.0	<1.0	<1.0	<10
MW-23	05/19/25	<1.0	<1.0	<1.0	<10
MW-23	11/16/25	<1.0	<1.0	<1.0	<10
MW-24	05/19/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-24)*	05/19/23	<1.0	<1.0	<1.0	<10
MW-24	11/11/23	18	<1.0	1.6	<10
DUP-01(MW-24)*	11/11/23	46	<1.0	3.7	<10
MW-24	05/15/24	<1.0	<1.0	<1.0	<10
DUP-01(MW-24)*	05/15/24	<1.0	<1.0	<1.0	<10
MW-24	11/09/24	<1.0	<1.0	<1.0	<10
MW-24	05/19/25	<1.0	<1.0	<1.0	<10
MW-24	11/16/25	<1.0	<1.0	<1.0	<10
MW-25	11/05/22	<1.0	<1.0	8.7	31
MW-25	05/19/23	<1.0	<1.0	<1.0	<10
MW-25	11/11/23	<1.0	<1.0	<1.0	<10
MW-25	05/15/24	<1.0	<1.0	<1.0	<10
MW-25	11/09/24	<1.0	<1.0	<1.0	<10
MW-25	05/19/25	<1.0	<1.0	<1.0	<10
MW-25	11/16/25	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

Johnston Federal #4					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620

Notes:

"NS" = Not sampled

"µg/L" = micrograms per liter

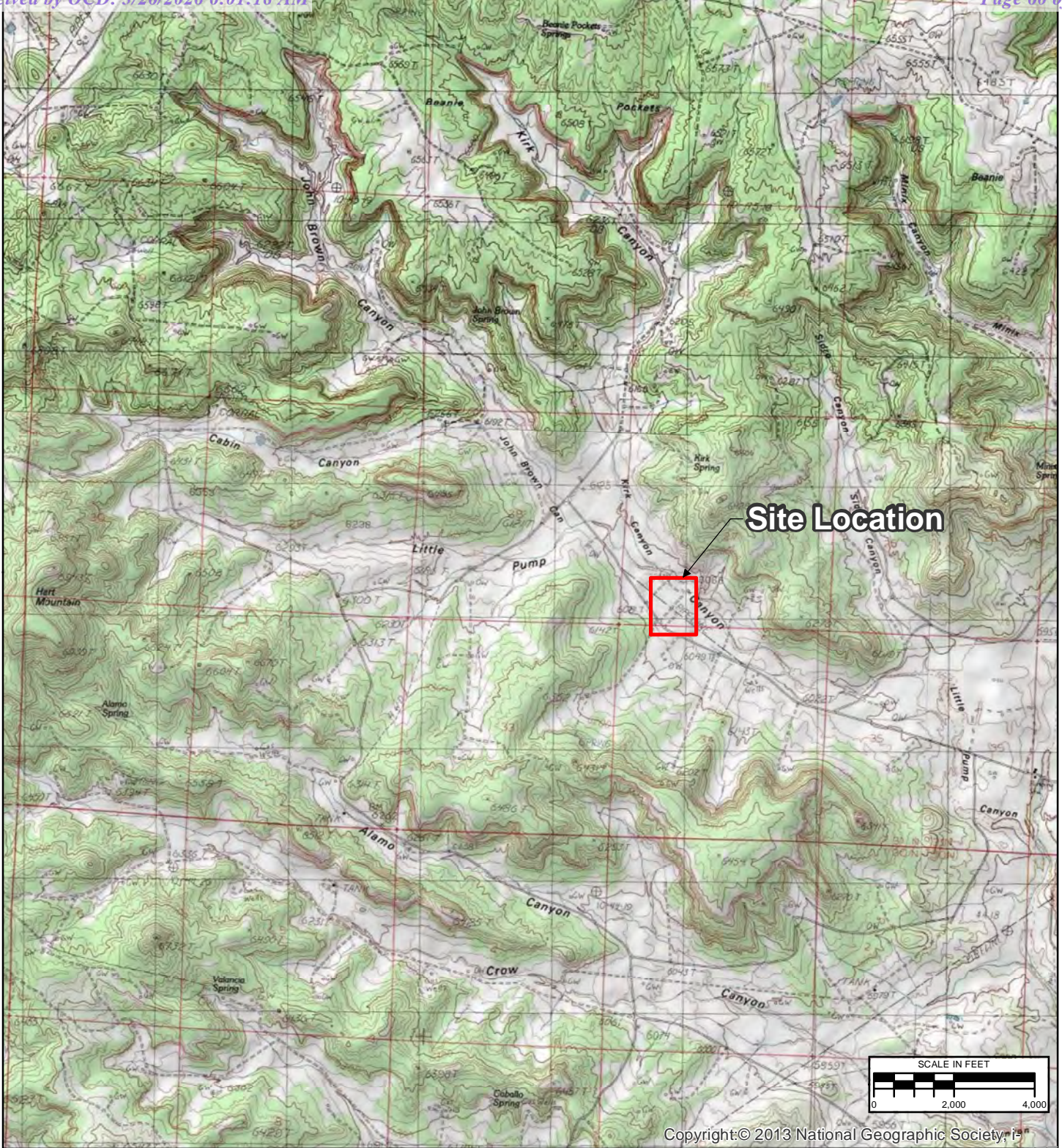
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

"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.

FIGURES



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA,

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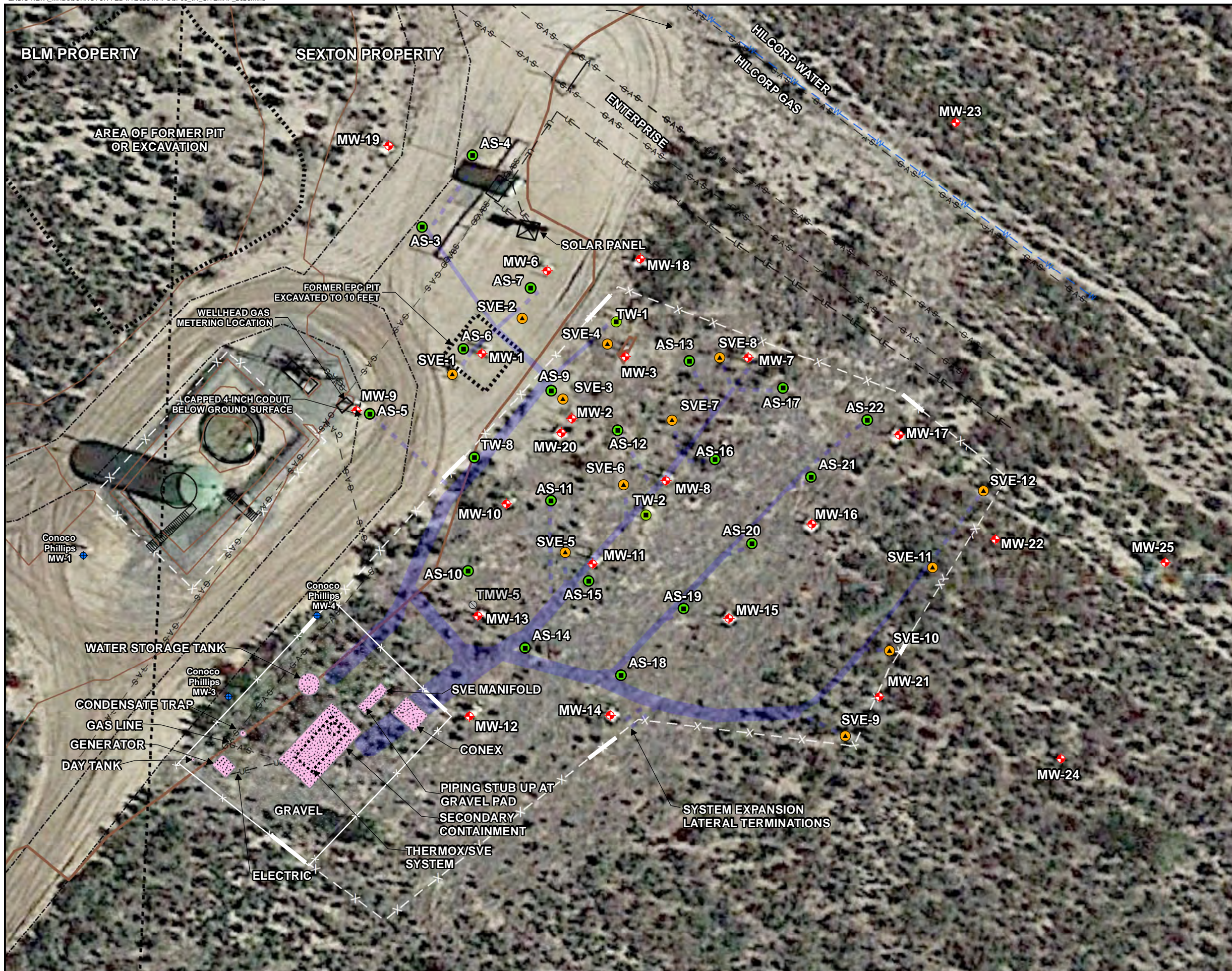
REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/16/2021	SAH	SAH	SRV

TITLE	SITE LOCATION
PROJECT	JOHNSTON FEDERAL #4 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO



FIGURE **1**

Z:\GIS-NEW_MXD\S\JOHNSTON FED #4\2026 MAPS\Fed_#4_SITEMAP_2026.mxd

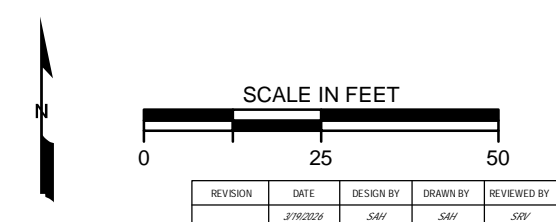


LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- GAS LINE
- WATER LINE
- FENCE
- UNDERGROUND ELECTRIC
- UNDERGROUND GAS
- PROPERTY BOUNDARY
- ABANDONED MONITORING WELL
- CONOCO PHILLIPS MONITORING WELL
- MONITORING WELL
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- SMA BENCHMARK
- SITE FENCE/GATE

EXISTING SVE SYSTEM

- TRENCH (SHARED)
- TRENCH (UNSHARED)
- SVE SYSTEM EQUIPMENT
- SYSTEM FENCE/GATE



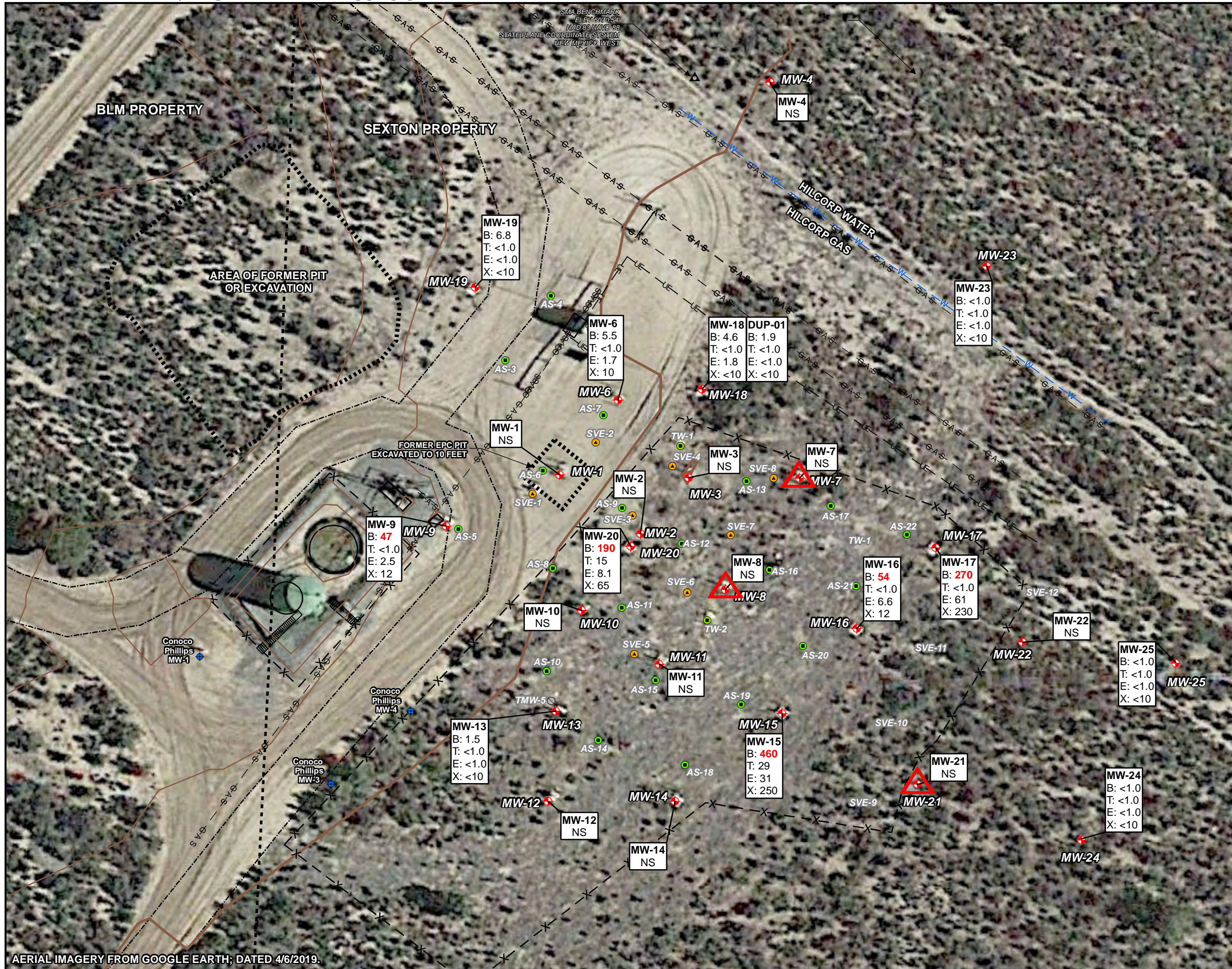
REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	3/18/2024	SAH	SAH	SKY

TITLE: *SITE PLAN*

PROJECT: *JOHNSTON FEDERAL #4
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO*

Figure No.: **2**

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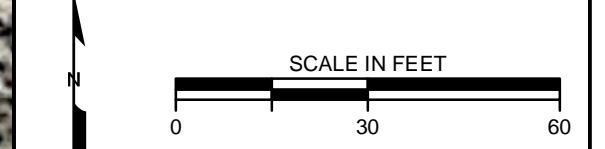
LEGEND:

- 6070 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- GAS LINE
- WATER LINE
- FENCE
- UNDERGROUND ELECTRIC
- ABANDONED MONITORING WELL
- MONITORING WELL
- CONOCO PHILLIPS MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- SMA BENCHMARK

NOTES:
 DUP = FIELD DUPLICATE SAMPLE
 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:
 RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
 H = SAMPLE WAS PREPPED AND ANALYZED BEYOND THE SPECIFIED HOLDING TIME.
 NS = NOT SAMPLED
 µg/L = MICROGRAMS PER LITER
 < = BELOW METHOD DETECTION LIMIT

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



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-07-01	SAH	SAH	SOY

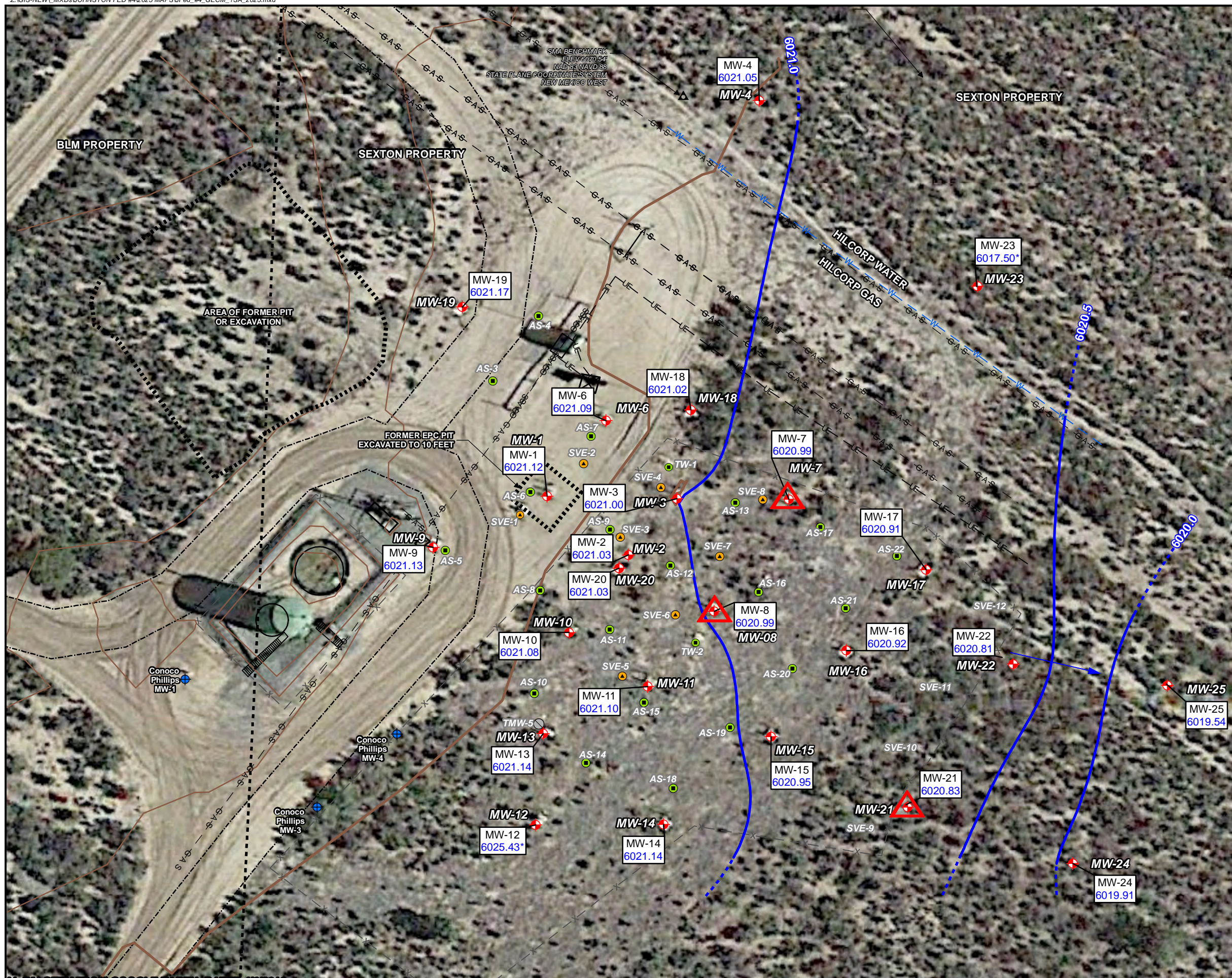
TITLE:
GROUNDWATER ANALYTICAL RESULTS
 MAY 19, 2025

PROJECT:
 JOHNSTON FEDERAL #4
 SAN JUAN RIVER BASIN
 SAN JUAN COUNTY, NEW MEXICO

Stantec Figure No.: **3**

AERIAL IMAGERY FROM GOOGLE EARTH; DATED 4/6/2019.

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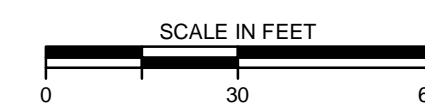


LEGEND:

- 6070 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- GAS LINE
- WATER LINE
- FENCE
- UNDERGROUND ELECTRIC
- ABANDONED MONITORING WELL
- CONOCO PHILLIPS MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL LOCATION
- SOIL VAPOR EXTRACTION WELL
- SMA BENCHMARK

NOTES:

- 6020.99 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS WHERE PRESENT (FEET ABOVE MEAN SEA LEVEL).
 - 6020.0 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL, 0.1 FOOT CONTOUR INTERVAL)
 - DIRECTION OF APPARENT GROUNDWATER FLOW
 - * GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.
- LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
1	2/22/2024	SAH	SAH	SKY

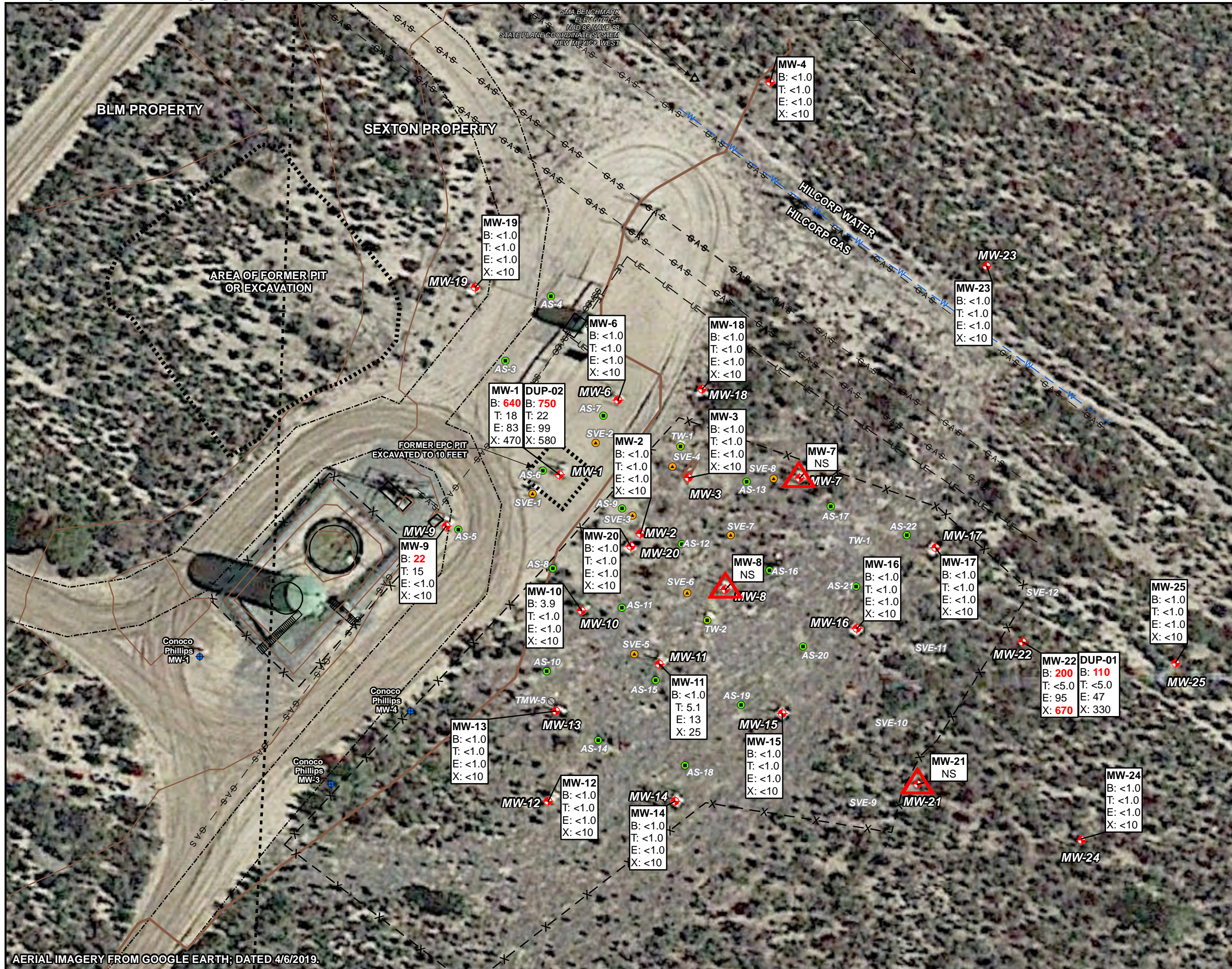
TITLE: *GROUNDWATER ELEVATION MAP
MAY 19, 2025*

PROJECT: *JOHNSTON FEDERAL #4
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO*



Figure No.: **4**

Z:\GIS-NEW_MXD\JOHNSTON FED #4\2025 MAPS\Fed_#4_GARM_2SA_2025.mxd



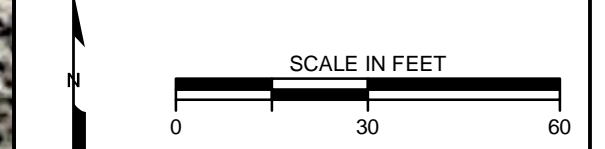
LEGEND:

- 6070 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- GAS LINE
- WATER LINE
- FENCE
- UNDERGROUND ELECTRIC
- ABANDONED MONITORING WELL
- MONITORING WELL
- CONOCO PHILLIPS MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- SMA BENCHMARK

NOTES:
 DUP = FIELD DUPLICATE SAMPLE
 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:
 RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
 H = SAMPLE WAS PREPPED AND ANALYZED BEYOND THE SPECIFIED HOLDING TIME.
 NS = NOT SAMPLED
 µg/L = MICROGRAMS PER LITER
 < = BELOW METHOD DETECTION LIMIT

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



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	3/22/2024	SAH	SAH	SOY

TITLE:
 GROUNDWATER ANALYTICAL RESULTS
 NOVEMBER 16, 2025

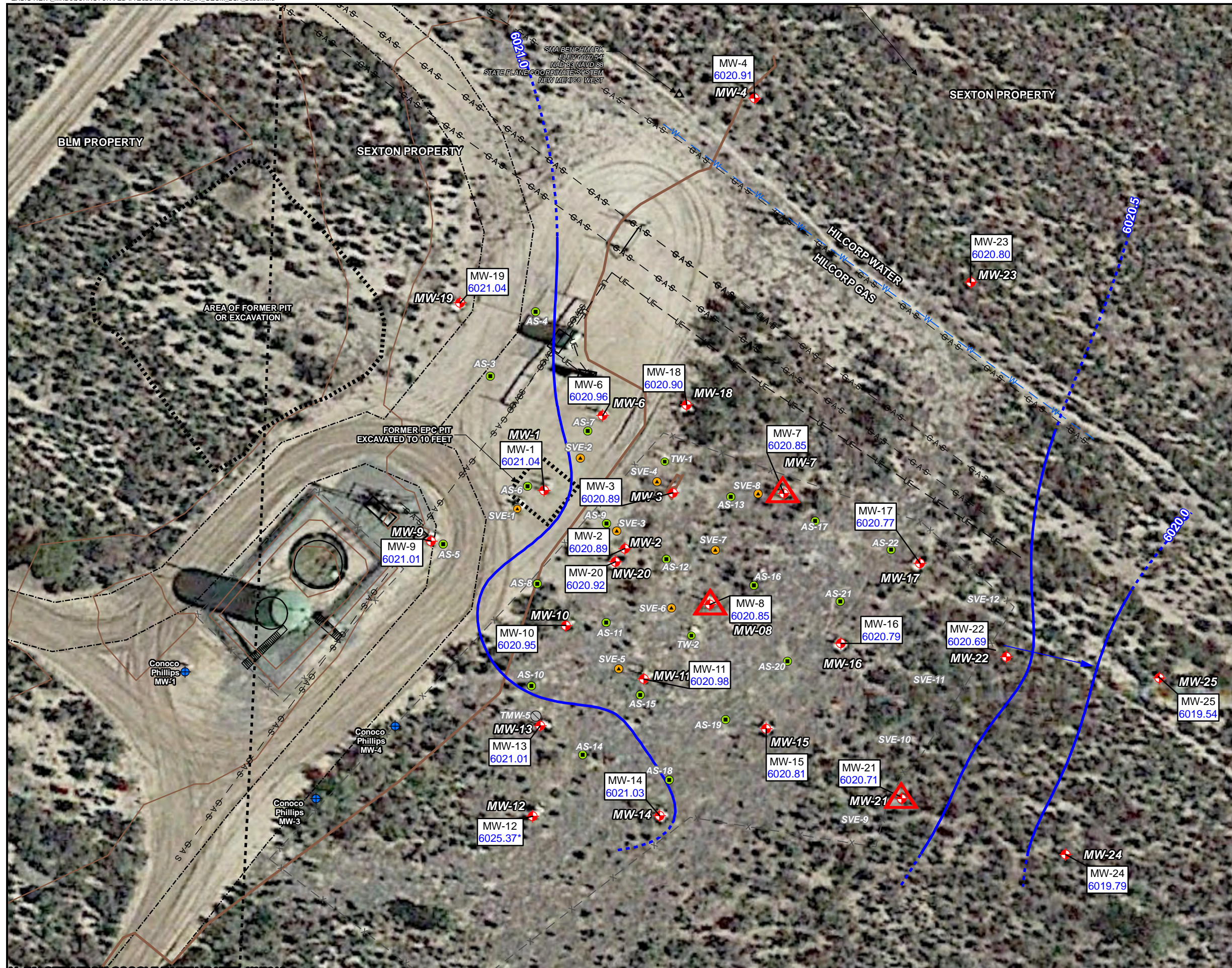
PROJECT:
 JOHNSTON FEDERAL #4
 SAN JUAN RIVER BASIN
 SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **5**

AERIAL IMAGERY FROM GOOGLE EARTH; DATED 4/6/2019.

Z:\GIS-NEW_MXD\JOHNSTON FED #4\2025 MAPS\JFed_#4_GECM_2SA_2025.mxd



LEGEND:

- 6070 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- GAS LINE
- WATER LINE
- FENCE
- UNDERGROUND ELECTRIC
- ABANDONED MONITORING WELL
- CONOCO PHILLIPS MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL LOCATION
- SOIL VAPOR EXTRACTION WELL
- SMA BENCHMARK

NOTES:

6020.99 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS WHERE PRESENT (FEET ABOVE MEAN SEA LEVEL).

6020.0 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL, 0.1 FOOT CONTOUR INTERVAL)

DIRECTION OF APPARENT GROUNDWATER FLOW

* GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

SCALE IN FEET

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
1	2/22/2024	SAH	SAH	SKY

TITLE: *GROUNDWATER ELEVATION MAP
NOVEMBER 16, 2025*

PROJECT: *JOHNSTON FEDERAL #4
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO*

Stantec Figure No.: **6**

APPENDICES

APPENDIX A



**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description /Comments
7/29/1952	30-045-10130	Sundry Notice	Notice of intention to drill.
10/8/1952	30-045-10130	Log of Oil or Gas Well	Total well depth - 5515 feet bgs.
2/13/1953	30-045-10130	Request for (Oil) - (Gas) Allowable	Operator is Anderson-Prichard Oil Corp. Date first oil run to tanks or gas to pipe line 2/2/1953.
2/13/1953	30-045-10130	Certificate of Compliance and Authorization to Transport Oil and Natural Gas	El Paso Natural Gas Company is the authorized transporter.
9/2/1961	30-045-10130	Letter to US Geological Survey	Union Texas Natural Gas Company listed as well owner.
2/24/1992	30-045-10130	Data Sheet for Deep Ground Bed Cathodic Protection Wells	Meridian Oil Inc. shown as operator.
9/16/1995	nAUTOfAB000305 (Application ID 385716)	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	nAUTOfAB000305	EPFS Addendum to Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan to include installation of additional wells for delineation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards.
11/30/1995	nAUTOfAB000305	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
7/11/1996	30-045-10130	Sundry Notice	Burlington Resources listed as operator.
6/2/1997	nAUTOfAB000305 (3RP-201)	Semiannual groundwater sampling report (EPFS)	Depth to groundwater 48.9 to 50.4 feet bgs at the Johnston Fed #4 site.
8/6/1997	nAUTOfAB000305 (3RP-201)	NMOCD approval letter for the 6/2/1997 Semiannual Groundwater Report (EPFS)	Approval to modify the reporting schedule to annual.
2/27/1998	nAUTOfAB000305 (3RP-201)	Phillip Services 1997 Annual Report (for EPFS)	Summarizes pit closure, MW-1 through MW-3 and temporary well installs, LNAPL recovery activities, groundwater sampling.

**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description /Comments
7/8/1998	nAUTOfAB000305 (3RP-201)	NMOCD review letter to EPFS for 1997 Annual Report	NMOCD requests EPFS work cooperatively with operators to investigate and remediate contaminated ground water at these sites.
7/9/1998	3RP-71	NMOCD letter to Burlington Resources (BR)	NMOCD requires BR begin implementation of their previously approved pit closure plan.
9/10/1998	3RP-71	NMOCD review letter for BR 8/6/98 Groundwater Investigation Plan	
3/31/1999	nAUTOfAB000305 (3RP-201)	Phillip Services 1998 Annual Report (for EPFS)	LNAPL recovery from MW-1.
7/29/1999	3RP-71	BR letter to NMOCD (included Pit Remediation and Closure Reports)	Soil excavation, pit closures, temp well installations.
3/24/2000	nAUTOfAB000305 (3RP-201)	Phillip Services 1999 Annual Report (for EPFS)	LNAPL recovery and groundwater sampling activities.
3/29/2000	3RP-71	Burlington Resources 1999 Annual Report	Quarterly groundwater monitoring continued through 1999.
2/26/2001	nAUTOfAB000305 (3RP-201)	Phillip Services 2000 Annual Report (for EPFS)	LNAPL monitoring.
3/27/2001	3RP-71	Burlington Resources 2000 Annual Report	Quarterly groundwater monitoring.
7/18/2001	nAUTOfAB000305 (3RP-201)	NMOCD review letter for EPFS 2000 Annual Report	NMOCD requests that EPFS work cooperatively with the operator to investigate and remediate contaminated groundwater.
2/28/2002	nAUTOfAB000305 (3RP-201)	MWH 2001 Annual Report (for EPFS)	Quarterly LNAPL recovery. Annual sampling of MW-2 conducted.
2/28/2003	nAUTOfAB000305 (3RP-201)	MWH 2002 Annual Report (for EPFS)	Quarterly LNAPL recovery and annual groundwater sampling.
4/3/2003	nAUTOfAB000305 (3RP-201)	NMOCD review letter for BR 2/28/2003 2002 Annual Report	NMOCD requires EPFS install additional monitoring wells to delineate plume.
4/14/2003	3RP-71	Burlington Resources 2002 Annual Report	Summary of 2000, 2001, and 2002 groundwater sampling.
2/26/2004	nAUTOfAB000305 (3RP-201)	MWH 2003 Annual Report (for EPFS)	Quarterly LNAPL recovery. Annual groundwater sampling.

Johnston Federal #4
Site History
San Juan River Basin, New Mexico

Date	Source (Regulatory File #)	Event/Action	Description /Comments
2/1/2005	nAUTOfAB000305 (3RP-201)	MWH 2004 Annual Report (for EPFS)	Quarterly LNAPL recovery and annual groundwater sampling.
3/31/2005	3RP-71	Burlington Resources 2004 Annual Report	Quarterly groundwater sampling and LNAPL monitoring.
3/2006	nAUTOfAB000305 (3RP-201)	MWH 2005 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater monitoring.
3/2007	nAUTOfAB000305 (3RP-201)	MWH Final 2006 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater sampling.
4/15/2007	3RP-71	Burlington Resources 2006 Annual Report	LNAPL recovery and groundwater sampling.
3/27/2008	3RP-71	Tetra Tech 2007 Annual Report (for ConocoPhillips)	Quarterly groundwater sampling.
4/2/2008	nAUTOfAB000305 (3RP-201)	MWH 2007 Annual Report (for EPTPC)	Installation of MW-4 and TMW-5. Quarterly LNAPL recovery and annual groundwater monitoring.
2/28/2009	nAUTOfAB000305 (3RP-201)	MWH 2008 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater monitoring.
12/2009	3RP-71	Tetra Tach 2008 Annual Report (for ConocoPhillips)	Three additional monitoring wells (MW-2, MW-3, and MW-4) installed. Quarterly groundwater sampling.
4/16/2010	nAUTOfAB000305 (3RP-201)	MWH 2009 Annual Report (for EPTPC)	Annual groundwater sampling.
5/2010	3RP-71	Tetra Tech 2009 Annual Report (for ConocoPhillips)	Geologic cross section was included. Annual groundwater monitoring.
3/2/2011	nAUTOfAB000305 (3RP-201)	MWH 2010 Annual Report (for EPTPC)	Annual groundwater sampling.
6/9/2011	3RP-71	Tetra Tech 2010 Annual Report (for ConocoPhillips)	Quarterly groundwater sampling.
3/2012	3RP-71	Conestoga-Rovers & Associates September 2011 Annual Report (for ConocoPhillips)	Site consulting transferred from Tetra Tech to CRA. Annual groundwater monitoring.
8/16/2012	nAUTOfAB000305 (3RP-201)	MWH 2011 Annual Report (for EPCGP)	Annual sampling at MW-1 through MW-4, and TMW-5. EPCGP will install a new monitoring well east of MW-3.

**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description /Comments
2/19/2013	3RP-71	CRA September 2012 Annual Report (for ConocoPhillips)	Annual groundwater monitoring. CRA recommends additional downgradient monitoring well for the purpose of further delineating the site.
10/22/2013	nAUTOfAB000305 (3RP-201)	MWH 2013 Monitoring Well Installation Workplan (for EPCGP)	Seven monitoring wells will be installed at the Site.
3/4/2014	nAUTOfAB000305 (3RP-201)	MWH 2013 Annual Report (for EPCGP)	Seven new wells (MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, and MW-12) installed. Soil samples were collected from the borings for MW-6 through MW-12.
3/21/2014	3RP-71	CRA 2013 Annual Report (for ConocoPhillips)	Annual groundwater sampling, MDPE events.
6/9/2014	nAUTOfAB000305 (3RP-201)	MWH 2014 Monitoring Well Installation Work Plan (for EPCGP)	Eight additional monitoring wells will be installed.
2/2/2015	nAUTOfAB000305 (3RP-201)	MWH 2014 Annual Groundwater Report (for EPCGP)	Monitoring wells MW-13 through MW-20 were installed, temporary monitoring well TMW-5 was plugged and abandoned, semi-annual groundwater monitoring.
4/16/2015	3RP-71	CRA 2014 Annual Groundwater Monitoring Report (for ConocoPhillips)	MDPE event, annual groundwater sampling.
2/16/2016	nAUTOfAB000305 (3RP-201)	MWH 2015 Annual Groundwater Report (for EPCGP)	LNAPL monitoring and annual groundwater monitoring, soil boring SB-1 was advanced in the former pit.
1/4/2016	3RP-71	GHD Services Inc. 2015 Annual Groundwater Monitoring Report (for ConocoPhillips)	CRA (now GHD) provided oversight for MDPE event conducted from MW-1 from April 20 to April 23, 2015. Annual groundwater monitoring.
3/20/2017	nAUTOfAB000305 (3RP-201)	Stantec 2016 Annual Groundwater Report (for EPCGP)	LNAPL recovery, semi-annual groundwater monitoring, and MDPE event.
1/30/2017	3RP-71	GHD 2016 Annual Groundwater Monitoring Report (for ConocoPhillips)	Annual groundwater monitoring.

**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description /Comments
6/2/2017	nAUTOfAB000305 (3RP-201)	NMOCD review letter for 2016 Annual Report	Remediation plan requested.
6/29/2017	nAUTOfAB000305 (3RP-201)	Stantec Work Plan for LNAPL Recovery Activates (for EPCGP)	MDPE activities proposed.
7/5/2017	nAUTOfAB000305 (3RP-201)	NMOCD approval letter for the June 29, 2017 Work Plan	MDPE approved.
7/19/2017	nAUTOfAB000305 (3RP-201)	Response letter from EPCGP to NMOCD	No further delineation was planned at this time.
7/21/2017	30-045-10130	Change of Operator Name	New Operator: Hilcorp Energy Company
12/13/2017	3RP-71	GHD 2017 Remediation and Annual Groundwater Monitoring Report (for Hilcorp Energy)	MDPE event conducted, annual groundwater monitoring.
3/28/2018	nAUTOfAB000305 (3RP-201)	Stantec 2017 Annual Groundwater Report (for EPCGP)	MDPE events, LNAPL recovery and semi-annual groundwater monitoring.
6/11/2018	Not in NMOCD files	Stantec AS/SVE Test Work Plan (for EPCGP)	Work plan proposed installing AS and SVE wells and run AS/SVE test.
3/28/2019	Not in NMOCD files	Stantec 2018 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring, one SVE well and 2 AS test wells installed and feasibility testing completed, LNAPL recovery.
4/1/2020	Not in NMOCD files	Stantec 2019 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring and LNAPL recovery.
4/8/2020	Not in NMOCD files	Stantec Work Plan for Monitoring Wells and AS/SVE Wells (for EPCGP)	Installation of three additional monitoring wells (MW-21 through MW-23), seven additional SVE wells and 20 AS wells proposed.
2/11/2021	nAUTOfAB000306	Hilcorp 2020 Annual Report	Annual groundwater sampling activities associated with Hilcorp release. Report approved by the NMOCD 12/28/2021.

**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description /Comments
4/8/2021	nAUTOfAB000305 (Application ID 25747)	Stantec 2020 Annual Groundwater Report (for EPCGP)	Annual groundwater monitoring, quarterly LNAPL recovery, installation of three monitoring wells (MW-21 through MW-23), seven SVE wells, and twenty AS wells. Report stamped approved 12/29/2021 on OCD website.
5/25/2021	nAUTOfAB000305 (Application ID 29490) (Application ID 287843)	Stantec Work Plan for Soil Vapor Extraction and Air Sparge Piping Installation (for EPCGP)	Proposed AS/SVE system elements design and installation. Work plan stamped approved 12/29/2021 on OCD website.
3/4/2022	nAUTOfAB000306	WSP 2021 Annual Report	Annual groundwater sampling activities associated with Hilcorp release. Report approved by the NMOCD 2/6/2023.
3/20/2022	nAUTOfAB000305 (Application ID 94387)	Stantec 2021 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring, quarterly LNAPL recovery. Report stamped received 3/10/2022.
8/19/2022	nAUTOfAB000305 (Application ID 136087)	Stantec Work Plan for LNAPL Recovery Activities	CONEX-based solar-powered LNAPL recovery skimmer for MW-21. Report is stamped accepted 5/17/2023 on OCD website.
9/27/2022	nAUTOfAB000305 (Application 146981)	Stantec Well Installation Activities Work Plan (for EPCGP)	Proposed installation of two additional monitoring wells (MW-24 and MW-25) and four SVE wells. Work plan is stamped accepted 5/17/2023 on OCD website.
2/23/2023	nAUTOfAB000306	Ensolum 2022 Annual Report	Annual groundwater sampling activities associated with Hilcorp release. Report approved by the NMOCD 7/27/2023.
3/22/2023	nAUTOfAB000305 (Application ID 201686)	Stantec 2022 Annual Groundwater Report (for EPCGP)	Installation on MW-24 and MW-25 and 4 SVE wells; LNAPL skimmer system installation at MW-21, semi-annual groundwater monitoring, quarterly LNAPL recovery. Report stamped reviewed 5/17/2023 on OCD website.
11/22/2023	Not in NMOCD files	Stantec 2023 SVE System Installation Work Plan	Installation and O&M of thermal-oxidizer and SVE system. Report approved by the NMOCD on 2/26/2025.
3/21/2024	nAUTOfAB000305 (Application ID 325472)	Stantec 2023 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring, quarterly LNAPL recovery. Report approved by the NMOCD on 9/4/2024.

**Johnston Federal #4
Site History
San Juan River Basin, New Mexico**

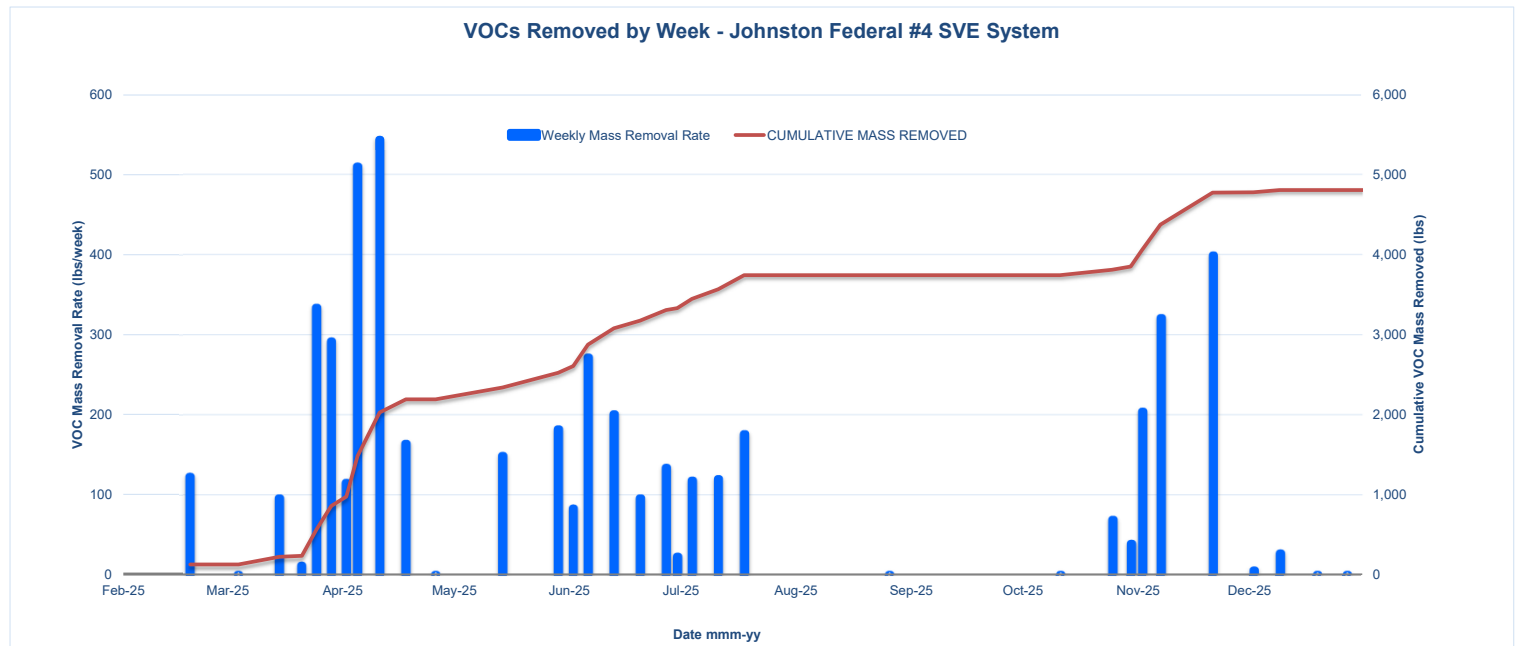
Date	Source (Regulatory File #)	Event/Action	Description /Comments
3/29/2024	nAUTOfAB000306	Ensolum 2023 Annual Report	Annual groundwater sampling activities associated with Hilcorp release. Report approved by the NMOCD 5/31/2024.
3/1/2025	nAUTOfAB000305 (Application ID 444265)	Stantec 2024 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring, quarterly LNAPL recovery. SVE system troubleshooting and O&M planned for 2025. Manual recovery of LNAPL will continue on a quarterly basis.

APPENDIX B



Johnston Fed #4
Appendix B
SVE Operation Summary
San Juan River Basin, New Mexico

PERIOD START	PERIOD END	TIME IN PERIOD	MOTOR RUN TIME IN PERIOD	MOTOR HRs / TIME in PERIOD	SVE FLOWRATE THIS PERIOD	[TPH] IN SVE EXHAUST	VOC MASS REMOVED THIS PERIOD	CUMULATIVE MASS REMOVED	[TPH] IN CATOX EXHAUST	VOC MASS EMITTED THIS PERIOD	CUMULATIVE VOC MASS EMITTED
(User Input)	(User Input)	(Hours)	(Hours)	(%)	(scfm)	(mg/m ³)	(pounds)	(pounds)	(mg/m ³)	(pounds)	(pounds)
02/13/25	02/25/25	288.0	248.0	86.1%	30	4400	123	123	1.9	0.1	0.1
02/25/25	03/11/25	336.0	0.0	0.0%	0	4400	0	123	1.9	0.0	0.1
03/11/25	03/19/25	192.0	192.0	100.0%	172	770	96	219	1.9	0.2	0.3
03/19/25	03/23/25	96.0	97.0	100.0%	135	230	12	231	1.9	0.1	0.4
03/23/25	03/27/25	96.0	93.0	96.9%	135	7100	334	565	1.0	0.0	0.4
03/27/25	04/01/25	120.0	122.0	100.0%	90	7100	292	857	3.6	0.1	0.6
04/01/25	04/03/25	48.0	48.0	100.0%	90	7100	115	972	3.6	0.1	0.6
04/03/25	04/08/25	120.0	120.0	100.0%	160	7100	510	1,482	3.6	0.3	0.9
04/08/25	04/15/25	168.0	168.0	100.0%	122	7100	544	2,026	3.6	0.3	1.2
04/15/25	04/22/25	168.0	167.0	99.4%	37	7100	164	2,190	3.6	0.1	1.3
04/22/25	05/01/25	216.0	0.0	0.0%	0	7100	0	2,190	3.6	0.0	1.3
05/01/25	05/27/25	624.0	98.0	15.7%	57	7100	149	2,339	3.6	0.1	1.3
05/27/25	06/01/25	120.0	120.0	100.0%	57	7100	182	2,521	3.6	0.1	1.4
06/01/25	06/03/25	48.0	48.0	100.0%	65	7100	83	2,604	3.6	0.0	1.5
06/03/25	06/10/25	168.0	168.0	100.0%	61	7100	272	2,876	3.6	0.1	1.6
06/10/25	06/17/25	168.0	168.0	100.0%	45	7100	201	3,077	3.6	0.1	1.7
06/17/25	06/24/25	168.0	144.0	85.7%	25	7100	96	3,173	3.6	0.0	1.8
06/24/25	06/30/25	144.0	144.0	100.0%	35	7100	134	3,307	3.6	0.1	1.8
06/30/25	07/01/25	24.0	24.0	100.0%	35	7100	23	3,330	3.6	0.0	1.8
07/01/25	07/08/25	168.0	153.0	91.1%	29	7100	118	3,448	3.6	0.1	1.9
07/08/25	07/15/25	168.0	110.0	65.5%	41	7100	120	3,568	3.6	0.1	2.0
07/15/25	07/22/25	168.0	147.0	87.5%	45	7100	176	3,744	3.6	0.1	2.1
07/22/25	10/01/25	1704.0	0.0	0.0%	0	7100	0	3,744	3.6	0.0	2.1
10/01/25	10/21/25	480.0	0.0	0.0%	25	17000	0	3,744	5.5	0.0	2.1
10/21/25	10/30/25	216.0	43.0	19.9%	25	17000	69	3,813	5.5	0.0	2.1
10/30/25	10/31/25	24.0	24.0	100.0%	25	17000	39	3,852	5.5	0.0	2.1
10/31/25	11/04/25	96.0	89.0	92.7%	36	17000	204	4,056	5.5	0.1	2.2
11/04/25	11/11/25	168.0	168.0	100.0%	30	17000	321	4,377	5.5	0.1	2.3
11/11/25	12/01/25	480.0	209.0	43.6%	30	17000	399	4,776	5.5	0.1	2.4
12/01/25	12/03/25	48.0	3.0	6.3%	30	17000	6	4,782	5.5	0.0	2.4
12/03/25	12/16/25	312.0	28.0	9.0%	15	17000	27	4,809	5.5	0.0	2.4
12/16/25	12/23/25	168.0	0.0	0.0%	0	17000	0	4,809	5.5	0.0	2.4
12/23/25	12/31/25	192.0	0.0	0.0%	0	17000	0	4,809	5.5	0.0	2.4



APPENDIX C



From: [Varsa, Steve](#)
To: [Buchanan, Michael, EMNRD](#)
Cc: [Wiley, Joe](#)
Subject: RE: [EXTERNAL] FW: nAUTOofAB000305 - Johnston Federal #4 - notice of upcoming activities
Date: Friday, February 7, 2025 11:06:56 AM

Hi Michael – we look to be on-site next Tuesday (2/11/2025) to troubleshoot the electrical matter. If successful, we look to start-up the system as soon as Wednesday, February 12.

Thank you,
Steve

Stephen Varsa, P.G., R.G.

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

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From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Tuesday, December 31, 2024 9:03 AM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOofAB000305 - Johnston Federal #4 - notice of upcoming activities

Good morning, Steve

Thank you for the communication on this matter. Happy New Year!

Mike

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Monday, December 30, 2024 6:01 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: FW: [EXTERNAL] FW: nAUTOofAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi Michael – the generator was installed at the subject site the week of December 9, 2024, but we are continuing to troubleshoot an electrical issue between the generator and the SVE unit. We look to get this corrected next month, and will follow-up when we are ready for start-up.

Thank you,

Steve

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, December 6, 2024 8:06 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>; OCD.ENVIRO@EMNRD.NM.GOV; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi Michael – we are planning to return to the subject site to reinstall the generator with the goal of starting the system on Wednesday, December 11, 2024.

Thank you,
Steve

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, October 23, 2024 11:55 AM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Thanks, Steve.

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Tuesday, October 22, 2024 11:39 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

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Hi Michael – we were unable to start the SVE system at the subject site due to issues with the generator. The generator has been removed from the Site and is being sent back to the factory for repairs. I'll follow-up once the generator has been fixed and returned, and the SVE system is ready for start.

Thank you,
Steve

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

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From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, October 4, 2024 8:29 PM
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

On behalf of El Paso CGP Company (EPCGP), this correspondence is to provide notice the soil vapor extraction system at the subject site will be installed, tested and started on or after October 9, 2024, pursuant to the work plan submitted in November 2023. Follow-up correspondence will be provided if there is a significant delay with system startup.

Please feel free to contact Mr. Joseph Wiley, Remediation Manager for EPCGP, or me, if you have any questions.

Thank you,
Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist
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From: [Wells, Shelly, EMNRD](#)
To: [Varsa, Steve](#)
Cc: [Bratcher, Michael, EMNRD](#); [Buchanan, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: RE: [EXTERNAL] El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, March 19, 2025 3:03:30 PM

Good afternoon Steve,

OCD is in receipt of the notice of groundwater activities at the below sites. Incident events have been updated to reflect these activities.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
 Environmental Bureau
 EMNRD-Oil Conservation Division
 1220 S. St. Francis Drive|Santa Fe, NM 87505
 (505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, March 19, 2025 11:32 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXTERNAL] El Paso CGP Company - Notice of upcoming groundwater sampling activities

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Pursuant to El Paso CGP Company's (EPCGP's) Groundwater Remediation Plan, this correspondence is to provide notice to the NMOCD of upcoming quarterly groundwater sampling, LNAPL recovery activities, and/or system operation and maintenance (O&M) at the following EPCGP project sites:

Site Name	Incident Number	Activity	Date
Canada Mesa #2	nAUTOfAB000065	LNAPL Recovery	3/27/2025
Fields A#7A	nAUTOfAB000176	LNAPL Recovery	3/24/2025
Fogelson 4-1	nAUTOfAB000192	Groundwater Sampling	3/26/2025
Gallegos Canyon Unit #124E	nAUTOfAB000205	Groundwater Sampling	3/26/2025
James F. Bell #1E	nAUTOfAB000291	LNAPL Recovery	3/24/2025
Johnston Fed #4	nAUTOfAB000305	LNAPL Recovery, System O&M	3/24/2025
Johnston Fed #6A	nAUTOfAB000309	Groundwater Sampling	3/24/2025

K27 LDO72	nAUTOfAB000316	LNAPL Recovery	3/27/2025
Knight #1	nAUTOfAB000324	Groundwater Sampling	3/25/2025
Lateral L 40 Line Drip	nAUTOfAB000335	LNAPL Recovery	3/27/2025
State Gas Com N #1	nAUTOfAB000668	LNAPL Recovery	3/25/2025

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
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From: [Varsa, Steve](#)
To: [Buchanan, Michael, EMNRD](#)
Cc: [Wiley, Joe](#)
Subject: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities
Date: Tuesday, April 29, 2025 11:14:51 AM

Hi Michael – the SVE system shutdown last Thursday, 4/24/25, which has been diagnosed as being caused by a mechanical failure on the generator. We are looking to have the generator removed from the site for service as soon as next week, with the repair schedule dependent on receipt of parts from the manufacturer. We'll follow-up when the generator has been repaired and reinstalled, and the system back up and running.

Thank you,
Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
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From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Friday, February 7, 2025 1:59 PM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi, Steve

Thank you for the notification. Fingers crossed that you all are successful!

Have a good weekend,

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, February 7, 2025 10:07 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi Michael – we look to be on-site next Tuesday (2/11/2025) to troubleshoot the electrical matter. If successful, we look to start-up the system as soon as Wednesday, February 12.

Thank you,

Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
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From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Tuesday, December 31, 2024 9:03 AM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Good morning, Steve

Thank you for the communication on this matter. Happy New Year!

Mike

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Monday, December 30, 2024 6:01 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: FW: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi Michael – the generator was installed at the subject site the week of December 9, 2024, but we are continuing to troubleshoot an electrical issue between the generator and the SVE unit. We look to get this corrected next month, and will follow-up when we are ready for start-up.

Thank you,
Steve

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, December 6, 2024 8:06 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>; OCD.ENVIRO@EMNRD.NM.GOV; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Hi Michael – we are planning to return to the subject site to reinstall the generator with the goal of starting the system on Wednesday, December 11, 2024.

Thank you,
Steve

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, October 23, 2024 11:55 AM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: RE: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

Thanks, Steve.

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Tuesday, October 22, 2024 11:39 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: [EXTERNAL] FW: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

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Hi Michael – we were unable to start the SVE system at the subject site due to issues with the generator. The generator has been removed from the Site and is being sent back to the factory for repairs. I'll follow-up once the generator has been fixed and returned, and the SVE system is ready for start.

Thank you,
Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
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From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Friday, October 4, 2024 8:29 PM
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wiley, Joe <Joe_Wiley@kindermorgan.com>

Subject: nAUTOfAB000305 - Johnston Federal #4 - notice of upcoming activities

On behalf of El Paso CGP Company (EPCGP), this correspondence is to provide notice the soil vapor extraction system at the subject site will be installed, tested and started on or after October 9, 2024, pursuant to the work plan submitted in November 2023. Follow-up correspondence will be provided if there is a significant delay with system startup.

Please feel free to contact Mr. Joseph Wiley, Remediation Manager for EPCGP, or me, if you have any questions.

Thank you,
Steve

Stephen Varsa, P.G., R.G.

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
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Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: [Enviro, OCD, EMNRD](#)
Cc: [Bratcher, Mike, EMNRD](#); [Buchanan, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Tuesday, May 13, 2025 7:51:30 AM

Pursuant to El Paso CGP's Groundwater Remediation Plan, this correspondence is to provide notice to the NMOCED of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOofAB000065	5/21/2025
Fields A#7A	nAUTOofAB000176	5/17/2025
Fogelson 4-1	nAUTOofAB000192	5/18/2025
Gallegos Canyon Unit #124E	nAUTOofAB000205	5/18/2025
GCU Com A #142E	nAUTOofAB000219	5/20/2025
James F. Bell #1E	nAUTOofAB000291	5/18/2025
Johnston Fed #4	nAUTOofAB000305	5/19/2025
Johnston Fed #6A	nAUTOofAB000309	5/19/2025
K27 LDO72	nAUTOofAB000316	5/21/2025
Knight #1	nAUTOofAB000324	5/20/2025
Lateral L 40 Line Drip	nAUTOofAB000335	5/21/2025
Sandoval GC A #1A	nAUTOofAB000635	5/19/2025
Standard Oil Com #1	nAUTOofAB000666	5/21/2025
State Gas Com N #1	nAUTOofAB000668	5/17/2025

Pending successful repair of the generator at the Johnston Federal #4 site, system restart and O&M are expected to occur on 5/23/2025.

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

Thank you,
 Steve

Stephen Varsa, P.G., R.G.

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

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From: OCDOnline@state.nm.us
To: [Varsa, Steve](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 490536
Date: Wednesday, July 30, 2025 8:06:07 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#) nAUTOfAB000305.

The sampling event is expected to take place:

When: 08/06/2025 @ 11:00

Where: H-33-31N-09W 0 FNL 0 FEL (36.862801,-107.771983)

Additional Information: Sean Clary (Stantec) – 913-980-0281. Alternatively, you can contact the project manager (Steve Varsa, Stantec) – 515-710-7523

Additional Instructions: Groundwater abatement per 19.15.30.14B NMAC at the Johnston Federal #4 site. Quarterly LNAPL recovery activities. Lat: 36.862800 Long: -107.771983

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 confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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Varsa, Steve

From: OCDOnline@state.nm.us
Sent: Wednesday, November 5, 2025 1:47 PM
To: Varsa, Steve
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 516679

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#) nAUTOfAB000305.

The sampling event is expected to take place:

When: 11/16/2025 @ 08:30

Where: H-33-31N-09W 0 FNL 0 FEL (36.862801,-107.771983)

Additional Information: Sean Clary (Stantec) - 913-980-0281. Alternatively, you can contact the project manager (Steve Varsa, Stantec) - 515-710-7523

Additional Instructions: Groundwater abatement per 19.15.30.14B NMAC at the Johnston Federal #4 site. Groundwater sampling, LNAPL recovery and SVE system O&M activities. The site is located at Lat: 36.862800 Long: -107.771983.

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 confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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APPENDIX D





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/28/2025 3:23:24 PM

JOB DESCRIPTION

EPCGP Johnston Federal #4

JOB NUMBER

885-19995-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



Generated
2/28/2025 3:23:24 PM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)345-3975

Client: Stantec Consulting Services, Inc.
Project/Site: EPCGP Johnston Federal #4

Laboratory Job ID: 885-19995-1



Table of Contents

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: EPCGP Johnston Federal #4

Job ID: 885-19995-1

Glossary

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

Case Narrative

Client: Stantec Consulting Services, Inc.
Project: EPCGP Johnston Federal #4

Job ID: 885-19995-1

Job ID: 885-19995-1

Eurofins Albuquerque

Job Narrative 885-19995-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/14/2025 6:45 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 time was 10.4°C.

Subcontract Work

Methods General Subcontract Method, TO-3 TPH: These methods were subcontracted to Eurofins Air Toxics, Inc. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Methods General Subcontract Method, TO-15 VOA: These methods were subcontracted to Eurofins Air Toxics, Inc. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Eurofins Albuquerque





Air Toxics

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Analytical Report

2/26/2025

Hall Lab Data

Eurofins Albuquerque (formerly Hall Environmental)

4901 Hawkins NE

Suite D

Albuquerque NM 87109

Project Name: EPCGP Johnston Federal #4

Project #: 88502731

Workorder #: 2502337A

Dear Hall Lab Data

The following report includes the data for the above referenced project for sample(s) received on 2/18/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 (5&20 ppbv) are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker

Project Manager




Air Toxics

WORK ORDER #: 2502337A

Work Order Summary

CLIENT:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D Albuquerque, NM 87109	BILL TO:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D
PHONE:	505-345-3975	P.O. #	
FAX:	505-345-4107	PROJECT #	88502731 EPCGP Johnston Federal #4
DATE RECEIVED:	02/18/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	02/26/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Stack Eff (885-19995-1)	Modified TO-15 (5&20 ppbv	Tedlar Bag	Tedlar Bag
02A	Process Inf (885-19995-2)	Modified TO-15 (5&20 ppbv	Tedlar Bag	Tedlar Bag
03A	Lab Blank	Modified TO-15 (5&20 ppbv	NA	NA
03B	Lab Blank	Modified TO-15 (5&20 ppbv	NA	NA
04A	CCV	Modified TO-15 (5&20 ppbv	NA	NA
04B	CCV	Modified TO-15 (5&20 ppbv	NA	NA
05A	LCS	Modified TO-15 (5&20 ppbv	NA	NA
05AA	LCSD	Modified TO-15 (5&20 ppbv	NA	NA
05B	LCS	Modified TO-15 (5&20 ppbv	NA	NA
05BB	LCSD	Modified TO-15 (5&20 ppbv	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 02/26/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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Air Toxics

LABORATORY NARRATIVE
EPA Method TO-15 Soil Gas
Eurofins Albuquerque (formerly Hall Environmental)
Workorder# 2502337A

Two 1 Liter Tedlar Bag samples were received on February 18, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Receiving Notes

Samples were received past the recommended hold time of 3 days. Analysis proceeded.

Analytical Notes

Method TO-15 is validated for samples collected in specially treated canisters. As such, the use of Tedlar bags for sample collection is outside the scope of the method and not recommended for ambient or indoor air samples. It is the responsibility of the data user to determine the usability of TO-15 results generated from Tedlar bags.

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Dilution was performed on sample Process Inf (885-19995-2) due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

- 1
- 2
- 3
- 4
- 5**
- 6
- 7

r1-File was requantified for the purpose of reissue



EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Stack Eff (885-19995-1)	Date/Time Analyzed:	2/18/25 09:27 PM
Lab ID:	2502337A-01A	Dilution Factor:	1.00
Date/Time Collected:	2/13/25 01:55 PM	Instrument/Filename:	msd14.i / 14021825
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	5.9	16	27	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	8.0	20	34	Not Detected
1,1,2-Trichloroethane	79-00-5	5.2	16	27	Not Detected
1,1-Dichloroethane	75-34-3	3.1	12	20	Not Detected
1,1-Dichloroethene	75-35-4	6.0	12	20	Not Detected
1,2,4-Trichlorobenzene	120-82-1	49	74	150	Not Detected
1,2,4-Trimethylbenzene	95-63-6	2.4	15	24	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	8.6	23	38	Not Detected
1,2-Dichlorobenzene	95-50-1	2.5	18	30	Not Detected
1,2-Dichloroethane	107-06-2	4.3	12	20	Not Detected
1,2-Dichloropropane	78-87-5	5.0	14	23	Not Detected
1,3,5-Trimethylbenzene	108-67-8	2.7	15	24	Not Detected
1,3-Butadiene	106-99-0	4.0	6.6	11	Not Detected
1,3-Dichlorobenzene	541-73-1	4.1	18	30	Not Detected
1,4-Dichlorobenzene	106-46-7	4.3	18	30	Not Detected
1,4-Dioxane	123-91-1	4.3	36	72	Not Detected
2,2,4-Trimethylpentane	540-84-1	3.3	14	23	Not Detected
2-Butanone (Methyl Ethyl Ketone)	78-93-3	5.3	29	59	11 J
2-Hexanone	591-78-6	6.9	41	82	Not Detected
2-Propanol	67-63-0	5.9	24	61	Not Detected
3-Chloropropene	107-05-1	9.5	31	63	Not Detected
4-Ethyltoluene	622-96-8	3.8	15	24	Not Detected
4-Methyl-2-pentanone	108-10-1	14	41	82	Not Detected
Acetone	67-64-1	3.3	24	48	130



EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Stack Eff (885-19995-1)	Date/Time Analyzed:	2/18/25 09:27 PM
Lab ID:	2502337A-01A	Dilution Factor:	1.00
Date/Time Collected:	2/13/25 01:55 PM	Instrument/Filename:	msd14.i / 14021825
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	1.9	16	26	Not Detected
Benzene	71-43-2	2.5	9.6	16	9.6 J
Bromodichloromethane	75-27-4	5.3	20	34	Not Detected
Bromoform	75-25-2	8.3	31	52	Not Detected
Bromomethane	74-83-9	10	39	78	Not Detected
Carbon Disulfide	75-15-0	6.2	31	62	Not Detected
Carbon Tetrachloride	56-23-5	8.5	19	31	Not Detected
Chlorobenzene	108-90-7	2.3	14	23	Not Detected
Chloroethane	75-00-3	6.4	32	53	Not Detected
Chloroform	67-66-3	2.1	15	24	Not Detected
Chloromethane	74-87-3	4.7	21	41	Not Detected
cis-1,2-Dichloroethene	156-59-2	4.0	12	20	Not Detected
cis-1,3-Dichloropropene	10061-01-5	3.0	14	23	Not Detected
Cumene	98-82-8	3.1	15	24	Not Detected
Cyclohexane	110-82-7	5.3	10	17	80
Dibromochloromethane	124-48-1	5.3	26	42	Not Detected
Ethanol	64-17-5	12	19	47	42 J
Ethyl Benzene	100-41-4	5.0	13	22	Not Detected
Freon 11	75-69-4	4.2	17	28	Not Detected
Freon 113	76-13-1	4.7	23	38	Not Detected
Freon 114	76-14-2	4.8	21	35	Not Detected
Freon 12	75-71-8	6.7	15	25	Not Detected
Heptane	142-82-5	5.5	12	20	61
Hexachlorobutadiene	87-68-3	67	110	210	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Stack Eff (885-19995-1)	Date/Time Analyzed:	2/18/25 09:27 PM
Lab ID:	2502337A-01A	Dilution Factor:	1.00
Date/Time Collected:	2/13/25 01:55 PM	Instrument/File Name:	msd14.i / 14021825
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	1.6	10	18	89
m,p-Xylene	108-38-3	3.8	13	22	6.8 J
Methyl tert-butyl ether	1634-04-4	1.6	11	18	Not Detected
Methylene Chloride	75-09-2	8.1	35	69	Not Detected
o-Xylene	95-47-6	5.6	13	22	Not Detected
Propylbenzene	103-65-1	5.6	15	24	Not Detected
Styrene	100-42-5	4.2	13	21	Not Detected
Tetrachloroethene	127-18-4	4.4	20	34	Not Detected
Tetrahydrofuran	109-99-9	5.2	8.8	15	240
Toluene	108-88-3	2.0	11	19	33
trans-1,2-Dichloroethene	156-60-5	6.2	12	20	Not Detected
trans-1,3-Dichloropropene	10061-02-6	5.2	14	23	Not Detected
Trichloroethene	79-01-6	3.1	16	27	Not Detected
Vinyl Chloride	75-01-4	6.5	7.7	13	Not Detected

J = Estimated value.
D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	96
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	98

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Process Inf (885-19995-2)	Date/Time Analyzed:	2/19/25 12:55 PM
Lab ID:	2502337A-02A	Dilution Factor:	25.0
Date/Time Collected:	2/13/25 02:00 PM	Instrument/Filename:	msd14.i / 14021908
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	150	410	680	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	200	510	860	Not Detected
1,1,2-Trichloroethane	79-00-5	130	410	680	Not Detected
1,1-Dichloroethane	75-34-3	77	300	500	Not Detected
1,1-Dichloroethene	75-35-4	150	300	500	Not Detected
1,2,4-Trichlorobenzene	120-82-1	1200	1800	3700	Not Detected
1,2,4-Trimethylbenzene	95-63-6	60	370	610	130 J
1,2-Dibromoethane (EDB)	106-93-4	220	580	960	Not Detected
1,2-Dichlorobenzene	95-50-1	62	450	750	Not Detected
1,2-Dichloroethane	107-06-2	110	300	500	Not Detected
1,2-Dichloropropane	78-87-5	120	350	580	Not Detected
1,3,5-Trimethylbenzene	108-67-8	67	370	610	160 J
1,3-Butadiene	106-99-0	100	160	280	Not Detected
1,3-Dichlorobenzene	541-73-1	100	450	750	Not Detected
1,4-Dichlorobenzene	106-46-7	110	450	750	Not Detected
1,4-Dioxane	123-91-1	110	900	1800	Not Detected
2,2,4-Trimethylpentane	540-84-1	82	350	580	Not Detected
2-Butanone (Methyl Ethyl Ketone)	78-93-3	130	740	1500	Not Detected
2-Hexanone	591-78-6	170	1000	2000	Not Detected
2-Propanol	67-63-0	150	610	1500	Not Detected
3-Chloropropene	107-05-1	240	780	1600	Not Detected
4-Ethyltoluene	622-96-8	95	370	610	Not Detected
4-Methyl-2-pentanone	108-10-1	360	1000	2000	Not Detected
Acetone	67-64-1	84	590	1200	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Process Inf (885-19995-2)	Date/Time Analyzed:	2/19/25 12:55 PM
Lab ID:	2502337A-02A	Dilution Factor:	25.0
Date/Time Collected:	2/13/25 02:00 PM	Instrument/Filename:	msd14.i / 14021908
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	47	390	650	Not Detected
Benzene	71-43-2	64	240	400	33000
Bromodichloromethane	75-27-4	130	500	840	Not Detected
Bromoform	75-25-2	210	780	1300	Not Detected
Bromomethane	74-83-9	250	970	1900	Not Detected
Carbon Disulfide	75-15-0	160	780	1600	Not Detected
Carbon Tetrachloride	56-23-5	210	470	790	Not Detected
Chlorobenzene	108-90-7	59	340	580	Not Detected
Chloroethane	75-00-3	160	790	1300	Not Detected
Chloroform	67-66-3	52	370	610	Not Detected
Chloromethane	74-87-3	120	520	1000	Not Detected
cis-1,2-Dichloroethene	156-59-2	100	300	500	Not Detected
cis-1,3-Dichloropropene	10061-01-5	76	340	570	Not Detected
Cumene	98-82-8	76	370	610	160 J
Cyclohexane	110-82-7	130	260	430	250000
Dibromochloromethane	124-48-1	130	640	1100	Not Detected
Ethanol	64-17-5	310	470	1200	640 J
Ethyl Benzene	100-41-4	120	320	540	3200
Freon 11	75-69-4	100	420	700	Not Detected
Freon 113	76-13-1	120	570	960	Not Detected
Freon 114	76-14-2	120	520	870	Not Detected
Freon 12	75-71-8	170	370	620	Not Detected
Heptane	142-82-5	140	310	510	220000
Hexachlorobutadiene	87-68-3	1700	2700	5300	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Process Inf (885-19995-2)	Date/Time Analyzed:	2/19/25 12:55 PM
Lab ID:	2502337A-02A	Dilution Factor:	25.0
Date/Time Collected:	2/13/25 02:00 PM	Instrument/Filename:	msd14.i / 14021908
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	40	260	440	280000
m,p-Xylene	108-38-3	96	320	540	22000
Methyl tert-butyl ether	1634-04-4	40	270	450	Not Detected
Methylene Chloride	75-09-2	200	870	1700	Not Detected
o-Xylene	95-47-6	140	320	540	3600
Propylbenzene	103-65-1	140	370	610	Not Detected
Styrene	100-42-5	110	320	530	Not Detected
Tetrachloroethene	127-18-4	110	510	850	Not Detected
Tetrahydrofuran	109-99-9	130	220	370	Not Detected
Toluene	108-88-3	50	280	470	84000
trans-1,2-Dichloroethene	156-60-5	150	300	500	Not Detected
trans-1,3-Dichloropropene	10061-02-6	130	340	570	Not Detected
Trichloroethene	79-01-6	77	400	670	Not Detected
Vinyl Chloride	75-01-4	160	190	320	Not Detected

J = Estimated value.
D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	117

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/18/25 11:11 AM
Lab ID:	2502337A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/File Name:	msd14.i / 14021806d
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	5.9	16	27	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	8.0	20	34	Not Detected
1,1,2-Trichloroethane	79-00-5	5.2	16	27	Not Detected
1,1-Dichloroethane	75-34-3	3.1	12	20	Not Detected
1,1-Dichloroethene	75-35-4	6.0	12	20	Not Detected
1,2,4-Trichlorobenzene	120-82-1	49	74	150	Not Detected
1,2,4-Trimethylbenzene	95-63-6	2.4	15	24	Not Detected
1,2-Dibromoethane (EDB)	106-93-4	8.6	23	38	Not Detected
1,2-Dichlorobenzene	95-50-1	2.5	18	30	5.9 J
1,2-Dichloroethane	107-06-2	4.3	12	20	Not Detected
1,2-Dichloropropane	78-87-5	5.0	14	23	Not Detected
1,3,5-Trimethylbenzene	108-67-8	2.7	15	24	Not Detected
1,3-Butadiene	106-99-0	4.0	6.6	11	Not Detected
1,3-Dichlorobenzene	541-73-1	4.1	18	30	Not Detected
1,4-Dichlorobenzene	106-46-7	4.3	18	30	Not Detected
1,4-Dioxane	123-91-1	4.3	36	72	Not Detected
2,2,4-Trimethylpentane	540-84-1	3.3	14	23	Not Detected
2-Butanone (Methyl Ethyl Ketone)	78-93-3	5.3	29	59	Not Detected
2-Hexanone	591-78-6	6.9	41	82	Not Detected
2-Propanol	67-63-0	5.9	24	61	Not Detected
3-Chloropropene	107-05-1	9.5	31	63	Not Detected
4-Ethyltoluene	622-96-8	3.8	15	24	Not Detected
4-Methyl-2-pentanone	108-10-1	14	41	82	Not Detected
Acetone	67-64-1	3.3	24	48	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/18/25 11:11 AM
Lab ID:	2502337A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021806d
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	1.9	16	26	3.6 J
Benzene	71-43-2	2.5	9.6	16	Not Detected
Bromodichloromethane	75-27-4	5.3	20	34	Not Detected
Bromoform	75-25-2	8.3	31	52	Not Detected
Bromomethane	74-83-9	10	39	78	Not Detected
Carbon Disulfide	75-15-0	6.2	31	62	Not Detected
Carbon Tetrachloride	56-23-5	8.5	19	31	Not Detected
Chlorobenzene	108-90-7	2.3	14	23	Not Detected
Chloroethane	75-00-3	6.4	32	53	Not Detected
Chloroform	67-66-3	2.1	15	24	Not Detected
Chloromethane	74-87-3	4.7	21	41	Not Detected
cis-1,2-Dichloroethene	156-59-2	4.0	12	20	Not Detected
cis-1,3-Dichloropropene	10061-01-5	3.0	14	23	Not Detected
Cumene	98-82-8	3.1	15	24	Not Detected
Cyclohexane	110-82-7	5.3	10	17	Not Detected
Dibromochloromethane	124-48-1	5.3	26	42	Not Detected
Ethanol	64-17-5	12	19	47	Not Detected
Ethyl Benzene	100-41-4	5.0	13	22	Not Detected
Freon 11	75-69-4	4.2	17	28	Not Detected
Freon 113	76-13-1	4.7	23	38	Not Detected
Freon 114	76-14-2	4.8	21	35	Not Detected
Freon 12	75-71-8	6.7	15	25	Not Detected
Heptane	142-82-5	5.5	12	20	Not Detected
Hexachlorobutadiene	87-68-3	67	110	210	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/18/25 11:11 AM
Lab ID:	2502337A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021806d
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	1.6	10	18	Not Detected
m,p-Xylene	108-38-3	3.8	13	22	Not Detected
Methyl tert-butyl ether	1634-04-4	1.6	11	18	Not Detected
Methylene Chloride	75-09-2	8.1	35	69	Not Detected
o-Xylene	95-47-6	5.6	13	22	Not Detected
Propylbenzene	103-65-1	5.6	15	24	Not Detected
Styrene	100-42-5	4.2	13	21	Not Detected
Tetrachloroethene	127-18-4	4.4	20	34	Not Detected
Tetrahydrofuran	109-99-9	5.2	8.8	15	Not Detected
Toluene	108-88-3	2.0	11	19	Not Detected
trans-1,2-Dichloroethene	156-60-5	6.2	12	20	Not Detected
trans-1,3-Dichloropropene	10061-02-6	5.2	14	23	Not Detected
Trichloroethene	79-01-6	3.1	16	27	Not Detected
Vinyl Chloride	75-01-4	6.5	7.7	13	Not Detected

J = Estimated value.
D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	100

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/19/25 11:33 AM
Lab ID:	2502337A-03B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	5.9	16	27	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	8.0	20	34	Not Detected
1,1,2-Trichloroethane	79-00-5	5.2	16	27	Not Detected
1,1-Dichloroethane	75-34-3	3.1	12	20	Not Detected
1,1-Dichloroethene	75-35-4	6.0	12	20	Not Detected
1,2,4-Trichlorobenzene	120-82-1	49	74	150	52 J
1,2,4-Trimethylbenzene	95-63-6	2.4	15	24	3.0 J
1,2-Dibromoethane (EDB)	106-93-4	8.6	23	38	Not Detected
1,2-Dichlorobenzene	95-50-1	2.5	18	30	5.8 J
1,2-Dichloroethane	107-06-2	4.3	12	20	Not Detected
1,2-Dichloropropane	78-87-5	5.0	14	23	Not Detected
1,3,5-Trimethylbenzene	108-67-8	2.7	15	24	Not Detected
1,3-Butadiene	106-99-0	4.0	6.6	11	Not Detected
1,3-Dichlorobenzene	541-73-1	4.1	18	30	Not Detected
1,4-Dichlorobenzene	106-46-7	4.3	18	30	4.8 J
1,4-Dioxane	123-91-1	4.3	36	72	Not Detected
2,2,4-Trimethylpentane	540-84-1	3.3	14	23	Not Detected
2-Butanone (Methyl Ethyl Ketone)	78-93-3	5.3	29	59	Not Detected
2-Hexanone	591-78-6	6.9	41	82	Not Detected
2-Propanol	67-63-0	5.9	24	61	Not Detected
3-Chloropropene	107-05-1	9.5	31	63	Not Detected
4-Ethyltoluene	622-96-8	3.8	15	24	Not Detected
4-Methyl-2-pentanone	108-10-1	14	41	82	Not Detected
Acetone	67-64-1	3.3	24	48	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/19/25 11:33 AM
Lab ID:	2502337A-03B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	1.9	16	26	5.2 J
Benzene	71-43-2	2.5	9.6	16	Not Detected
Bromodichloromethane	75-27-4	5.3	20	34	Not Detected
Bromoform	75-25-2	8.3	31	52	Not Detected
Bromomethane	74-83-9	10	39	78	Not Detected
Carbon Disulfide	75-15-0	6.2	31	62	Not Detected
Carbon Tetrachloride	56-23-5	8.5	19	31	Not Detected
Chlorobenzene	108-90-7	2.3	14	23	Not Detected
Chloroethane	75-00-3	6.4	32	53	Not Detected
Chloroform	67-66-3	2.1	15	24	Not Detected
Chloromethane	74-87-3	4.7	21	41	Not Detected
cis-1,2-Dichloroethene	156-59-2	4.0	12	20	Not Detected
cis-1,3-Dichloropropene	10061-01-5	3.0	14	23	Not Detected
Cumene	98-82-8	3.1	15	24	Not Detected
Cyclohexane	110-82-7	5.3	10	17	Not Detected
Dibromochloromethane	124-48-1	5.3	26	42	Not Detected
Ethanol	64-17-5	12	19	47	Not Detected
Ethyl Benzene	100-41-4	5.0	13	22	Not Detected
Freon 11	75-69-4	4.2	17	28	Not Detected
Freon 113	76-13-1	4.7	23	38	Not Detected
Freon 114	76-14-2	4.8	21	35	Not Detected
Freon 12	75-71-8	6.7	15	25	Not Detected
Heptane	142-82-5	5.5	12	20	Not Detected
Hexachlorobutadiene	87-68-3	67	110	210	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/19/25 11:33 AM
Lab ID:	2502337A-03B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	1.6	10	18	Not Detected
m,p-Xylene	108-38-3	3.8	13	22	Not Detected
Methyl tert-butyl ether	1634-04-4	1.6	11	18	Not Detected
Methylene Chloride	75-09-2	8.1	35	69	Not Detected
o-Xylene	95-47-6	5.6	13	22	Not Detected
Propylbenzene	103-65-1	5.6	15	24	Not Detected
Styrene	100-42-5	4.2	13	21	Not Detected
Tetrachloroethene	127-18-4	4.4	20	34	Not Detected
Tetrahydrofuran	109-99-9	5.2	8.8	15	Not Detected
Toluene	108-88-3	2.0	11	19	Not Detected
trans-1,2-Dichloroethene	156-60-5	6.2	12	20	Not Detected
trans-1,3-Dichloropropene	10061-02-6	5.2	14	23	Not Detected
Trichloroethene	79-01-6	3.1	16	27	Not Detected
Vinyl Chloride	75-01-4	6.5	7.7	13	Not Detected

J = Estimated value.
D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	97

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/18/25 09:39 AM
Lab ID:	2502337A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021803
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	104
1,1,2,2-Tetrachloroethane	79-34-5	97
1,1,2-Trichloroethane	79-00-5	101
1,1-Dichloroethane	75-34-3	106
1,1-Dichloroethene	75-35-4	105
1,2,4-Trichlorobenzene	120-82-1	102
1,2,4-Trimethylbenzene	95-63-6	98
1,2-Dibromoethane (EDB)	106-93-4	103
1,2-Dichlorobenzene	95-50-1	98
1,2-Dichloroethane	107-06-2	103
1,2-Dichloropropane	78-87-5	100
1,3,5-Trimethylbenzene	108-67-8	98
1,3-Butadiene	106-99-0	95
1,3-Dichlorobenzene	541-73-1	97
1,4-Dichlorobenzene	106-46-7	99
1,4-Dioxane	123-91-1	108
2,2,4-Trimethylpentane	540-84-1	105
2-Butanone (Methyl Ethyl Ketone)	78-93-3	99
2-Hexanone	591-78-6	97
2-Propanol	67-63-0	106
3-Chloropropene	107-05-1	106
4-Ethyltoluene	622-96-8	98
4-Methyl-2-pentanone	108-10-1	96
Acetone	67-64-1	106

EPA METHOD TO-15 GC/MS
 EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/18/25 09:39 AM
Lab ID:	2502337A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021803
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	90
Benzene	71-43-2	102
Bromodichloromethane	75-27-4	100
Bromoform	75-25-2	94
Bromomethane	74-83-9	107
Carbon Disulfide	75-15-0	101
Carbon Tetrachloride	56-23-5	106
Chlorobenzene	108-90-7	104
Chloroethane	75-00-3	99
Chloroform	67-66-3	105
Chloromethane	74-87-3	107
cis-1,2-Dichloroethene	156-59-2	102
cis-1,3-Dichloropropene	10061-01-5	97
Cumene	98-82-8	97
Cyclohexane	110-82-7	104
Dibromochloromethane	124-48-1	98
Ethanol	64-17-5	130
Ethyl Benzene	100-41-4	101
Freon 11	75-69-4	113
Freon 113	76-13-1	109
Freon 114	76-14-2	110
Freon 12	75-71-8	107
Heptane	142-82-5	97
Hexachlorobutadiene	87-68-3	105

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/18/25 09:39 AM
Lab ID:	2502337A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021803
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	104
m,p-Xylene	108-38-3	100
Methyl tert-butyl ether	1634-04-4	101
Methylene Chloride	75-09-2	111
o-Xylene	95-47-6	102
Propylbenzene	103-65-1	98
Styrene	100-42-5	99
Tetrachloroethene	127-18-4	103
Tetrahydrofuran	109-99-9	101
Toluene	108-88-3	100
trans-1,2-Dichloroethene	156-60-5	105
trans-1,3-Dichloropropene	10061-02-6	96
Trichloroethene	79-01-6	104
Vinyl Chloride	75-01-4	102

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	96
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/19/25 10:15 AM
Lab ID:	2502337A-04B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	101
1,1,2,2-Tetrachloroethane	79-34-5	99
1,1,2-Trichloroethane	79-00-5	102
1,1-Dichloroethane	75-34-3	104
1,1-Dichloroethene	75-35-4	105
1,2,4-Trichlorobenzene	120-82-1	107
1,2,4-Trimethylbenzene	95-63-6	99
1,2-Dibromoethane (EDB)	106-93-4	103
1,2-Dichlorobenzene	95-50-1	100
1,2-Dichloroethane	107-06-2	102
1,2-Dichloropropane	78-87-5	100
1,3,5-Trimethylbenzene	108-67-8	99
1,3-Butadiene	106-99-0	90
1,3-Dichlorobenzene	541-73-1	98
1,4-Dichlorobenzene	106-46-7	101
1,4-Dioxane	123-91-1	108
2,2,4-Trimethylpentane	540-84-1	103
2-Butanone (Methyl Ethyl Ketone)	78-93-3	95
2-Hexanone	591-78-6	99
2-Propanol	67-63-0	102
3-Chloropropene	107-05-1	100
4-Ethyltoluene	622-96-8	100
4-Methyl-2-pentanone	108-10-1	97
Acetone	67-64-1	104

EPA METHOD TO-15 GC/MS
 EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/19/25 10:15 AM
Lab ID:	2502337A-04B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	90
Benzene	71-43-2	101
Bromodichloromethane	75-27-4	100
Bromoform	75-25-2	96
Bromomethane	74-83-9	101
Carbon Disulfide	75-15-0	100
Carbon Tetrachloride	56-23-5	104
Chlorobenzene	108-90-7	104
Chloroethane	75-00-3	93
Chloroform	67-66-3	101
Chloromethane	74-87-3	101
cis-1,2-Dichloroethene	156-59-2	106
cis-1,3-Dichloropropene	10061-01-5	94
Cumene	98-82-8	96
Cyclohexane	110-82-7	103
Dibromochloromethane	124-48-1	101
Ethanol	64-17-5	118
Ethyl Benzene	100-41-4	99
Freon 11	75-69-4	112
Freon 113	76-13-1	109
Freon 114	76-14-2	108
Freon 12	75-71-8	107
Heptane	142-82-5	94
Hexachlorobutadiene	87-68-3	108

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/19/25 10:15 AM
Lab ID:	2502337A-04B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/File Name:	msd14.i / 14021903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	101
m,p-Xylene	108-38-3	103
Methyl tert-butyl ether	1634-04-4	100
Methylene Chloride	75-09-2	109
o-Xylene	95-47-6	103
Propylbenzene	103-65-1	99
Styrene	100-42-5	100
Tetrachloroethene	127-18-4	105
Tetrahydrofuran	109-99-9	97
Toluene	108-88-3	100
trans-1,2-Dichloroethene	156-60-5	101
trans-1,3-Dichloropropene	10061-02-6	96
Trichloroethene	79-01-6	102
Vinyl Chloride	75-01-4	98

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	96
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/18/25 10:10 AM
Lab ID:	2502337A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021804
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	97
1,1,2,2-Tetrachloroethane	79-34-5	95
1,1,2-Trichloroethane	79-00-5	99
1,1-Dichloroethane	75-34-3	97
1,1-Dichloroethene	75-35-4	96
1,2,4-Trichlorobenzene	120-82-1	121
1,2,4-Trimethylbenzene	95-63-6	97
1,2-Dibromoethane (EDB)	106-93-4	98
1,2-Dichlorobenzene	95-50-1	97
1,2-Dichloroethane	107-06-2	100
1,2-Dichloropropane	78-87-5	96
1,3,5-Trimethylbenzene	108-67-8	96
1,3-Butadiene	106-99-0	84
1,3-Dichlorobenzene	541-73-1	95
1,4-Dichlorobenzene	106-46-7	97
1,4-Dioxane	123-91-1	106
2,2,4-Trimethylpentane	540-84-1	98
2-Butanone (Methyl Ethyl Ketone)	78-93-3	90
2-Hexanone	591-78-6	97
2-Propanol	67-63-0	111
3-Chloropropene	107-05-1	97
4-Ethyltoluene	622-96-8	93
4-Methyl-2-pentanone	108-10-1	93
Acetone	67-64-1	101

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/18/25 10:10 AM
Lab ID:	2502337A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021804
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	88
Benzene	71-43-2	100
Bromodichloromethane	75-27-4	94
Bromoform	75-25-2	90
Bromomethane	74-83-9	95
Carbon Disulfide	75-15-0	94
Carbon Tetrachloride	56-23-5	97
Chlorobenzene	108-90-7	100
Chloroethane	75-00-3	93
Chloroform	67-66-3	96
Chloromethane	74-87-3	99
cis-1,2-Dichloroethene	156-59-2	97
cis-1,3-Dichloropropene	10061-01-5	97
Cumene	98-82-8	91
Cyclohexane	110-82-7	97
Dibromochloromethane	124-48-1	97
Ethanol	64-17-5	112
Ethyl Benzene	100-41-4	98
Freon 11	75-69-4	106
Freon 113	76-13-1	101
Freon 114	76-14-2	104
Freon 12	75-71-8	101
Heptane	142-82-5	91
Hexachlorobutadiene	87-68-3	123

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/18/25 10:10 AM
Lab ID:	2502337A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021804
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	93
m,p-Xylene	108-38-3	97
Methyl tert-butyl ether	1634-04-4	92
Methylene Chloride	75-09-2	103
o-Xylene	95-47-6	94
Propylbenzene	103-65-1	92
Styrene	100-42-5	96
Tetrachloroethene	127-18-4	102
Tetrahydrofuran	109-99-9	93
Toluene	108-88-3	94
trans-1,2-Dichloroethene	156-60-5	96
trans-1,3-Dichloropropene	10061-02-6	92
Trichloroethene	79-01-6	98
Vinyl Chloride	75-01-4	93

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	94
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	98

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/18/25 10:42 AM
Lab ID:	2502337A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021805
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	96
1,1,2,2-Tetrachloroethane	79-34-5	95
1,1,2-Trichloroethane	79-00-5	99
1,1-Dichloroethane	75-34-3	95
1,1-Dichloroethene	75-35-4	96
1,2,4-Trichlorobenzene	120-82-1	125
1,2,4-Trimethylbenzene	95-63-6	98
1,2-Dibromoethane (EDB)	106-93-4	98
1,2-Dichlorobenzene	95-50-1	97
1,2-Dichloroethane	107-06-2	101
1,2-Dichloropropane	78-87-5	96
1,3,5-Trimethylbenzene	108-67-8	96
1,3-Butadiene	106-99-0	84
1,3-Dichlorobenzene	541-73-1	93
1,4-Dichlorobenzene	106-46-7	97
1,4-Dioxane	123-91-1	104
2,2,4-Trimethylpentane	540-84-1	98
2-Butanone (Methyl Ethyl Ketone)	78-93-3	94
2-Hexanone	591-78-6	98
2-Propanol	67-63-0	110
3-Chloropropene	107-05-1	92
4-Ethyltoluene	622-96-8	95
4-Methyl-2-pentanone	108-10-1	92
Acetone	67-64-1	99

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/18/25 10:42 AM
Lab ID:	2502337A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021805
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	87
Benzene	71-43-2	100
Bromodichloromethane	75-27-4	92
Bromoform	75-25-2	91
Bromomethane	74-83-9	98
Carbon Disulfide	75-15-0	93
Carbon Tetrachloride	56-23-5	97
Chlorobenzene	108-90-7	100
Chloroethane	75-00-3	94
Chloroform	67-66-3	94
Chloromethane	74-87-3	100
cis-1,2-Dichloroethene	156-59-2	98
cis-1,3-Dichloropropene	10061-01-5	96
Cumene	98-82-8	92
Cyclohexane	110-82-7	98
Dibromochloromethane	124-48-1	96
Ethanol	64-17-5	118
Ethyl Benzene	100-41-4	100
Freon 11	75-69-4	106
Freon 113	76-13-1	99
Freon 114	76-14-2	103
Freon 12	75-71-8	98
Heptane	142-82-5	90
Hexachlorobutadiene	87-68-3	123

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/18/25 10:42 AM
Lab ID:	2502337A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021805
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	94
m,p-Xylene	108-38-3	96
Methyl tert-butyl ether	1634-04-4	93
Methylene Chloride	75-09-2	102
o-Xylene	95-47-6	97
Propylbenzene	103-65-1	92
Styrene	100-42-5	97
Tetrachloroethene	127-18-4	104
Tetrahydrofuran	109-99-9	94
Toluene	108-88-3	95
trans-1,2-Dichloroethene	156-60-5	94
trans-1,3-Dichloropropene	10061-02-6	98
Trichloroethene	79-01-6	97
Vinyl Chloride	75-01-4	90

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	94
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	99

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/19/25 10:41 AM
Lab ID:	2502337A-05B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	101
1,1,2,2-Tetrachloroethane	79-34-5	95
1,1,2-Trichloroethane	79-00-5	97
1,1-Dichloroethane	75-34-3	102
1,1-Dichloroethene	75-35-4	100
1,2,4-Trichlorobenzene	120-82-1	123
1,2,4-Trimethylbenzene	95-63-6	97
1,2-Dibromoethane (EDB)	106-93-4	100
1,2-Dichlorobenzene	95-50-1	96
1,2-Dichloroethane	107-06-2	102
1,2-Dichloropropane	78-87-5	97
1,3,5-Trimethylbenzene	108-67-8	95
1,3-Butadiene	106-99-0	89
1,3-Dichlorobenzene	541-73-1	96
1,4-Dichlorobenzene	106-46-7	97
1,4-Dioxane	123-91-1	104
2,2,4-Trimethylpentane	540-84-1	100
2-Butanone (Methyl Ethyl Ketone)	78-93-3	100
2-Hexanone	591-78-6	95
2-Propanol	67-63-0	113
3-Chloropropene	107-05-1	100
4-Ethyltoluene	622-96-8	94
4-Methyl-2-pentanone	108-10-1	92
Acetone	67-64-1	103

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/19/25 10:41 AM
Lab ID:	2502337A-05B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	86
Benzene	71-43-2	101
Bromodichloromethane	75-27-4	95
Bromoform	75-25-2	92
Bromomethane	74-83-9	98
Carbon Disulfide	75-15-0	96
Carbon Tetrachloride	56-23-5	102
Chlorobenzene	108-90-7	99
Chloroethane	75-00-3	90
Chloroform	67-66-3	98
Chloromethane	74-87-3	104
cis-1,2-Dichloroethene	156-59-2	103
cis-1,3-Dichloropropene	10061-01-5	94
Cumene	98-82-8	90
Cyclohexane	110-82-7	101
Dibromochloromethane	124-48-1	95
Ethanol	64-17-5	131 Q
Ethyl Benzene	100-41-4	96
Freon 11	75-69-4	110
Freon 113	76-13-1	106
Freon 114	76-14-2	107
Freon 12	75-71-8	102
Heptane	142-82-5	93
Hexachlorobutadiene	87-68-3	123

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/19/25 10:41 AM
Lab ID:	2502337A-05B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	97
m,p-Xylene	108-38-3	97
Methyl tert-butyl ether	1634-04-4	96
Methylene Chloride	75-09-2	106
o-Xylene	95-47-6	97
Propylbenzene	103-65-1	93
Styrene	100-42-5	96
Tetrachloroethene	127-18-4	102
Tetrahydrofuran	109-99-9	97
Toluene	108-88-3	95
trans-1,2-Dichloroethene	156-60-5	103
trans-1,3-Dichloropropene	10061-02-6	96
Trichloroethene	79-01-6	99
Vinyl Chloride	75-01-4	94

Q = Exceeds Quality Control limits.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	98

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/19/25 11:07 AM
Lab ID:	2502337A-05BB	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021905
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	98
1,1,2,2-Tetrachloroethane	79-34-5	93
1,1,2-Trichloroethane	79-00-5	99
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	99
1,2,4-Trichlorobenzene	120-82-1	118
1,2,4-Trimethylbenzene	95-63-6	96
1,2-Dibromoethane (EDB)	106-93-4	99
1,2-Dichlorobenzene	95-50-1	94
1,2-Dichloroethane	107-06-2	102
1,2-Dichloropropane	78-87-5	96
1,3,5-Trimethylbenzene	108-67-8	94
1,3-Butadiene	106-99-0	88
1,3-Dichlorobenzene	541-73-1	96
1,4-Dichlorobenzene	106-46-7	96
1,4-Dioxane	123-91-1	103
2,2,4-Trimethylpentane	540-84-1	100
2-Butanone (Methyl Ethyl Ketone)	78-93-3	96
2-Hexanone	591-78-6	96
2-Propanol	67-63-0	114
3-Chloropropene	107-05-1	98
4-Ethyltoluene	622-96-8	93
4-Methyl-2-pentanone	108-10-1	98
Acetone	67-64-1	100

* % Recovery is calculated using unrounded analytical results.



EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/19/25 11:07 AM
Lab ID:	2502337A-05BB	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021905
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	86
Benzene	71-43-2	102
Bromodichloromethane	75-27-4	96
Bromoform	75-25-2	91
Bromomethane	74-83-9	98
Carbon Disulfide	75-15-0	95
Carbon Tetrachloride	56-23-5	97
Chlorobenzene	108-90-7	97
Chloroethane	75-00-3	91
Chloroform	67-66-3	96
Chloromethane	74-87-3	99
cis-1,2-Dichloroethene	156-59-2	100
cis-1,3-Dichloropropene	10061-01-5	96
Cumene	98-82-8	93
Cyclohexane	110-82-7	97
Dibromochloromethane	124-48-1	96
Ethanol	64-17-5	116
Ethyl Benzene	100-41-4	99
Freon 11	75-69-4	109
Freon 113	76-13-1	104
Freon 114	76-14-2	103
Freon 12	75-71-8	102
Heptane	142-82-5	93
Hexachlorobutadiene	87-68-3	117

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/19/25 11:07 AM
Lab ID:	2502337A-05BB	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14021905
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	97
m,p-Xylene	108-38-3	96
Methyl tert-butyl ether	1634-04-4	96
Methylene Chloride	75-09-2	102
o-Xylene	95-47-6	96
Propylbenzene	103-65-1	93
Styrene	100-42-5	94
Tetrachloroethene	127-18-4	100
Tetrahydrofuran	109-99-9	96
Toluene	108-88-3	96
trans-1,2-Dichloroethene	156-60-5	97
trans-1,3-Dichloropropene	10061-02-6	96
Trichloroethene	79-01-6	101
Vinyl Chloride	75-01-4	95

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	98

* % Recovery is calculated using unrounded analytical results.



Air Toxics

Method : TO-15 (5&20 ppbv)

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	5.0
76-14-2	Freon 114	5.0
74-87-3	Chloromethane	20
75-01-4	Vinyl Chloride	5.0
106-99-0	1,3-Butadiene	5.0
74-83-9	Bromomethane	20
75-00-3	Chloroethane	20
75-69-4	Freon 11	5.0
64-17-5	Ethanol	25
76-13-1	Freon 113	5.0
75-35-4	1,1-Dichloroethene	5.0
67-64-1	Acetone	20
67-63-0	2-Propanol	25
75-15-0	Carbon Disulfide	20
107-05-1	3-Chloropropene	20
75-09-2	Methylene Chloride	20
1634-04-4	Methyl tert-butyl ether	5.0
156-60-5	trans-1,2-Dichloroethene	5.0
110-54-3	Hexane	5.0
75-34-3	1,1-Dichloroethane	5.0
78-93-3	2-Butanone (Methyl Ethyl Ketone)	20
156-59-2	cis-1,2-Dichloroethene	5.0
109-99-9	Tetrahydrofuran	5.0
67-66-3	Chloroform	5.0
71-55-6	1,1,1-Trichloroethane	5.0
110-82-7	Cyclohexane	5.0
56-23-5	Carbon Tetrachloride	5.0
540-84-1	2,2,4-Trimethylpentane	5.0
71-43-2	Benzene	5.0
107-06-2	1,2-Dichloroethane	5.0
142-82-5	Heptane	5.0
79-01-6	Trichloroethene	5.0
78-87-5	1,2-Dichloropropane	5.0
123-91-1	1,4-Dioxane	20
75-27-4	Bromodichloromethane	5.0
10061-01-5	cis-1,3-Dichloropropene	5.0
108-10-1	4-Methyl-2-pentanone	20
108-88-3	Toluene	5.0
10061-02-6	trans-1,3-Dichloropropene	5.0
79-00-5	1,1,2-Trichloroethane	5.0
127-18-4	Tetrachloroethene	5.0
591-78-6	2-Hexanone	20
124-48-1	Dibromochloromethane	5.0
106-93-4	1,2-Dibromoethane (EDB)	5.0



Air Toxics

Method : TO-15 (5&20 ppbv)

CAS Number	Compound	Rpt. Limit (ppbv)
108-90-7	Chlorobenzene	5.0
100-41-4	Ethyl Benzene	5.0
108-38-3	m,p-Xylene	5.0
95-47-6	o-Xylene	5.0
100-42-5	Styrene	5.0
75-25-2	Bromoform	5.0
98-82-8	Cumene	5.0
79-34-5	1,1,2,2-Tetrachloroethane	5.0
103-65-1	Propylbenzene	5.0
622-96-8	4-Ethyltoluene	5.0
108-67-8	1,3,5-Trimethylbenzene	5.0
95-63-6	1,2,4-Trimethylbenzene	5.0
541-73-1	1,3-Dichlorobenzene	5.0
106-46-7	1,4-Dichlorobenzene	5.0
100-44-7	alpha-Chlorotoluene	5.0
95-50-1	1,2-Dichlorobenzene	5.0
120-82-1	1,2,4-Trichlorobenzene	20
87-68-3	Hexachlorobutadiene	20
	Surrogate	Method Limits
17060-07-0	1,2-Dichloroethane-d4	70-130
2037-26-5	Toluene-d8	70-130
460-00-4	4-Bromofluorobenzene	70-130



Air Toxics

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Analytical Report

2/26/2025
 Hall Lab Data
 Eurofins Albuquerque (formerly Hall Environmental)
 4901 Hawkins NE
 Suite D
 Albuquerque NM 87109

Project Name: EPCGP Johnston Federal #4
 Project #: 88502731
 Workorder #: 2502337B

Dear Hall Lab Data

The following report includes the data for the above referenced project for sample(s) received on 2/18/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-3 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker
 Project Manager




Air Toxics

WORK ORDER #: 2502337B

Work Order Summary

CLIENT:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D Albuquerque, NM 87109	BILL TO:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D
PHONE:	505-345-3975	P.O. #	
FAX:	505-345-4107	PROJECT #	88502731 EPCGP Johnston Federal #4
DATE RECEIVED:	02/18/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	02/26/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Stack Eff (885-19995-1)	Modified TO-3	Tedlar Bag	Tedlar Bag
02A	Process Inf (885-19995-2)	Modified TO-3	Tedlar Bag	Tedlar Bag
03A	Lab Blank	Modified TO-3	NA	NA
04A	CCV	Modified TO-3	NA	NA
05A	LCS	Modified TO-3	NA	NA
05AA	LCSD	Modified TO-3	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 02/26/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000



Air Toxics

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LABORATORY NARRATIVE
Modified TO-3
Eurofins Albuquerque (formerly Hall Environmental)
Workorder# 2502337B

Two 1 Liter Tedlar Bag samples were received on February 18, 2025. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The TPH results are calculated using the response of Gasoline. A molecular weight of 100 is used to convert the TPH ppmv result to ug/m³. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-3</i>	<i>ATL Modifications</i>
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch <=/ 20 samples.
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation $DL = A + 3.3S$, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

Samples were received past the recommended hold time of 3 days. Analysis proceeded.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
 B - Compound present in laboratory blank greater than reporting limit.



Air Toxics

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- J - Estimated value.
 - E - Exceeds instrument calibration range.
 - S - Saturated peak.
 - Q - Exceeds quality control limits.
 - U - Compound analyzed for but not detected above the detection limit.
 - M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	Stack Eff (885-19995-1)	Date/Time Analyzed:	2/18/25 08:48 PM
Lab ID:	2502337B-01A	Dilution Factor:	1.00
Date/Time Collected:	2/13/25 01:55 PM	Instrument/Filename:	gcd.i / d021808
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	45	61	100	1900
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	100

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	Process Inf (885-19995-2)	Date/Time Analyzed:	2/18/25 09:23 PM
Lab ID:	2502337B-02A	Dilution Factor:	133
Date/Time Collected:	2/13/25 02:00 PM	Instrument/Filename:	gcd.i / d021809
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	6000	8200	14000	4400000
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	117

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	2/18/25 05:05 PM
Lab ID:	2502337B-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d021803a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	45	61	100	Not Detected
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	97

MODIFIED EPA METHOD TO-3 GC/FID
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	2/18/25 03:42 PM
Lab ID:	2502337B-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d021801
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		93
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	113



MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	2/18/25 04:21 PM
Lab ID:	2502337B-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d021802
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		87
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	115

* % Recovery is calculated using unrounded analytical results.



MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	2/18/25 10:25 PM
Lab ID:	2502337B-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d021810
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		92
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	117

* % Recovery is calculated using unrounded analytical results.



Air Toxics

Method : Modified TO-3 (Sh)-TPHg only

CAS Number	Compound	Rpt. Limit (ppmv)
9999-9999-208	TPH (Gasoline Range)	0.025

Surrogate	Method Limits	
462-06-602	Fluorobenzene (FID)	75-150

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Chain-of-Custody Record

Client: Kinder Morgan / Stantec
 Mailing Address: 11311 Aurora Ave
Des Moines IA 50322
 Phone #: 515 251 1020
 email or Fax#: Steve.Vars@stantec.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
 Project Name:
EPCGP Johnston Federal # 4
 Project #:
2277 07689
 Project Manager:
Steve Vars
 Sampler: Carl Lehman
 On Ice: Yes No yes
 # of Coolers: 1
 Cooler Temp (including CP): 10.5 - 0.1 - 10.4 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2/13/25	1355	A	stack eff	2	-	
2/13/25	1400	A	process inf	3	-	

Received by: Carl Lehman Date: 2/13/25 Time: 1708
 Received by: Carl Lehman Date: 2/13/25 Time: 1730
 Received by: Carl Lehman Date: 2/14/25 Time: 0:45



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109 885-19995 COC
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX / MTBE / TMBs (8021)	
TPH:8015D(GRO / DRO / MRO)	
8081 Pesticides/8082 PCB's	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	
VOCs T0-15	X
TPH T0-3	X

Remarks:
~~_____~~

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 885-19995-1

Login Number: 19995

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
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.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/11/2025 10:56:58 AM

JOB DESCRIPTION

EPCGP Johnston Federal #4

JOB NUMBER

885-25608-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



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(505)345-3975

Client: Stantec Consulting Services, Inc.
Project/Site: EPCGP Johnston Federal #4

Laboratory Job ID: 885-25608-1



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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: EPCGP Johnston Federal #4

Job ID: 885-25608-1

Glossary

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

Case Narrative

Client: Stantec Consulting Services, Inc.
Project: EPCGP Johnston Federal #4

Job ID: 885-25608-1

Job ID: 885-25608-1

Eurofins Albuquerque

Job Narrative 885-25608-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/28/2025 7:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Subcontract Work

Methods TO-15 VOA, TO-3 TPH: These methods were subcontracted to Eurofins Air Toxics, Inc. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Eurofins Albuquerque





Air Toxics

Analytical Report

6/9/2025

Hall Lab Data

Eurofins Albuquerque (formerly Hall Environmental)

4901 Hawkins NE

Suite D

Albuquerque NM 87109

Project Name: EPCGP Johnston Federal #4

Project #: 88502731

Workorder #: 2505670A

Dear Hall Lab Data

The following report includes the data for the above referenced project for sample(s) received on 5/29/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 (5&20 ppbv) are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker

Project Manager






Air Toxics

WORK ORDER #: 2505670A

Work Order Summary

CLIENT:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D Albuquerque, NM 87109	BILL TO:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D
PHONE:	505-345-3975	P.O. #	
FAX:	505-345-4107	PROJECT #	88502731 EPCGP Johnston Federal #4
DATE RECEIVED:	05/29/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	06/09/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	CATX-INF-052525 (885-25608-1)	Modified TO-15 (5&20 ppbv	Tedlar Bag	Tedlar Bag
02A	CATX-EFF-052525 (885-25608-2)	Modified TO-15 (5&20 ppbv	Tedlar Bag	Tedlar Bag
03A	Lab Blank	Modified TO-15 (5&20 ppbv	NA	NA
04A	CCV	Modified TO-15 (5&20 ppbv	NA	NA
05A	LCS	Modified TO-15 (5&20 ppbv	NA	NA
05AA	LCSD	Modified TO-15 (5&20 ppbv	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 06/09/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000



Air Toxics

LABORATORY NARRATIVE
EPA Method TO-15 Soil Gas
Eurofins Albuquerque (formerly Hall Environmental)
Workorder# 2505670A

Two 1 Liter Tedlar Bag samples were received on May 29, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Receiving Notes

Samples were received past the recommended hold time of 3 days. Analysis proceeded.

The sample shipping container was received with a custody seal. However, a signature and date were not provided on the custody seal. The client was notified, and analysis of samples proceeded.

Analytical Notes

As per client project requirements, the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

The recovery of surrogate Toluene-d8 in sample CATX-INF-052525 (885-25608-1) was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Method TO-15 is validated for samples collected in specially treated canisters. As such, the use of Tedlar bags for sample collection is outside the scope of the method and not recommended for ambient or indoor air samples. It is the responsibility of the data user to determine the usability of TO-15 results generated from Tedlar bags.

Dilution was performed on sample CATX-INF-052525 (885-25608-1) due to the presence of high level target species.

Samples CATX-INF-052525 (885-25608-1) and CATX-EFF-052525 (885-25608-2) were analyzed outside of the method specified 3 day hold time. Data usability and associated qualifiers should be evaluated by the data user.



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Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-INF-052525 (885-25608-1)	Date/Time Analyzed:	5/29/25 11:15 PM
Lab ID:	2505670A-01A	Dilution Factor:	12.5
Date/Time Collected:	5/24/25 08:10 AM	Instrument/Filename:	msd14.i / 14052933
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	74	200	340	Not Detected H
1,1,2,2-Tetrachloroethane	79-34-5	100	260	430	Not Detected H
1,1,2-Trichloroethane	79-00-5	66	200	340	Not Detected H
1,1-Dichloroethane	75-34-3	39	150	250	Not Detected H
1,1-Dichloroethene	75-35-4	75	150	250	Not Detected H
1,2,4-Trichlorobenzene	120-82-1	610	930	1800	Not Detected H
1,2,4-Trimethylbenzene	95-63-6	30	180	310	4800 H
1,2-Dibromoethane (EDB)	106-93-4	110	290	480	Not Detected H
1,2-Dichlorobenzene	95-50-1	31	220	380	Not Detected H
1,2-Dichloroethane	107-06-2	54	150	250	Not Detected H
1,2-Dichloropropane	78-87-5	63	170	290	Not Detected H
1,3,5-Trimethylbenzene	108-67-8	33	180	310	4700 H
1,3-Butadiene	106-99-0	51	83	140	Not Detected H
1,3-Dichlorobenzene	541-73-1	51	220	380	Not Detected H
1,4-Dichlorobenzene	106-46-7	54	220	380	Not Detected H
1,4-Dioxane	123-91-1	54	450	900	Not Detected H
2,2,4-Trimethylpentane	540-84-1	41	180	290	Not Detected H
2-Butanone (Methyl Ethyl Ketone)	78-93-3	66	370	740	Not Detected H
2-Hexanone	591-78-6	86	510	1000	Not Detected H
2-Propanol	67-63-0	74	310	770	Not Detected H
3-Chloropropene	107-05-1	120	390	780	Not Detected H
4-Ethyltoluene	622-96-8	48	180	310	2600 H
4-Methyl-2-pentanone	108-10-1	180	510	1000	Not Detected H
Acetone	67-64-1	42	300	590	Not Detected H

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-INF-052525 (885-25608-1)	Date/Time Analyzed:	5/29/25 11:15 PM
Lab ID:	2505670A-01A	Dilution Factor:	12.5
Date/Time Collected:	5/24/25 08:10 AM	Instrument/Filename:	msd14.i / 14052933
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	24	190	320	Not Detected H
Benzene	71-43-2	32	120	200	46000 H
Bromodichloromethane	75-27-4	66	250	420	Not Detected H
Bromoform	75-25-2	100	390	650	Not Detected H
Bromomethane	74-83-9	130	480	970	Not Detected H
Carbon Disulfide	75-15-0	78	390	780	630 JH
Carbon Tetrachloride	56-23-5	110	240	390	Not Detected H
Chlorobenzene	108-90-7	29	170	290	43 JH
Chloroethane	75-00-3	80	400	660	Not Detected H
Chloroform	67-66-3	26	180	300	Not Detected H
Chloromethane	74-87-3	58	260	520	Not Detected H
cis-1,2-Dichloroethene	156-59-2	50	150	250	Not Detected H
cis-1,3-Dichloropropene	10061-01-5	38	170	280	Not Detected H
Cumene	98-82-8	38	180	310	2000 H
Cyclohexane	110-82-7	66	130	220	360000 H
Dibromochloromethane	124-48-1	66	320	530	Not Detected H
Ethanol	64-17-5	160	240	590	2500 H
Ethyl Benzene	100-41-4	62	160	270	16000 H
Freon 11	75-69-4	52	210	350	Not Detected H
Freon 113	76-13-1	59	290	480	Not Detected H
Freon 114	76-14-2	60	260	440	Not Detected H
Freon 12	75-71-8	83	180	310	Not Detected H
Heptane	142-82-5	69	150	260	410000 H
Hexachlorobutadiene	87-68-3	840	1300	2700	Not Detected H

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-INF-052525 (885-25608-1)	Date/Time Analyzed:	5/29/25 11:15 PM
Lab ID:	2505670A-01A	Dilution Factor:	12.5
Date/Time Collected:	5/24/25 08:10 AM	Instrument/File Name:	msd14.i / 14052933
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	20	130	220	360000 H
m,p-Xylene	108-38-3	48	160	270	120000 H
Methyl tert-butyl ether	1634-04-4	20	140	220	Not Detected H
Methylene Chloride	75-09-2	100	430	870	Not Detected H
o-Xylene	95-47-6	69	160	270	22000 H
Propylbenzene	103-65-1	71	180	310	1500 H
Styrene	100-42-5	53	160	270	Not Detected H
Tetrachloroethene	127-18-4	55	250	420	190 JH
Tetrahydrofuran	109-99-9	65	110	180	Not Detected H
Toluene	108-88-3	25	140	240	170000 H
trans-1,2-Dichloroethene	156-60-5	77	150	250	Not Detected H
trans-1,3-Dichloropropene	10061-02-6	65	170	280	Not Detected H
Trichloroethene	79-01-6	39	200	340	Not Detected H
Vinyl Chloride	75-01-4	81	96	160	Not Detected H

H = Analyzed outside of holding time.

J = Estimated value.

Q = Exceeds Quality Control limits.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	212 Q

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-EFF-052525 (885-25608-2)	Date/Time Analyzed:	5/29/25 08:34 PM
Lab ID:	2505670A-02A	Dilution Factor:	1.00
Date/Time Collected:	5/24/25 08:15 AM	Instrument/Filename:	msd14.i / 14052927
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	5.9	16	27	Not Detected H
1,1,2,2-Tetrachloroethane	79-34-5	8.0	20	34	Not Detected H
1,1,2-Trichloroethane	79-00-5	5.2	16	27	Not Detected H
1,1-Dichloroethane	75-34-3	3.1	12	20	Not Detected H
1,1-Dichloroethene	75-35-4	6.0	12	20	Not Detected H
1,2,4-Trichlorobenzene	120-82-1	49	74	150	Not Detected H
1,2,4-Trimethylbenzene	95-63-6	2.4	15	24	Not Detected H
1,2-Dibromoethane (EDB)	106-93-4	8.6	23	38	Not Detected H
1,2-Dichlorobenzene	95-50-1	2.5	18	30	Not Detected H
1,2-Dichloroethane	107-06-2	4.3	12	20	Not Detected H
1,2-Dichloropropane	78-87-5	5.0	14	23	Not Detected H
1,3,5-Trimethylbenzene	108-67-8	2.7	15	24	Not Detected H
1,3-Butadiene	106-99-0	4.0	6.6	11	Not Detected H
1,3-Dichlorobenzene	541-73-1	4.1	18	30	Not Detected H
1,4-Dichlorobenzene	106-46-7	4.3	18	30	Not Detected H
1,4-Dioxane	123-91-1	4.3	36	72	Not Detected H
2,2,4-Trimethylpentane	540-84-1	3.3	14	23	Not Detected H
2-Butanone (Methyl Ethyl Ketone)	78-93-3	5.3	29	59	Not Detected H
2-Hexanone	591-78-6	6.9	41	82	Not Detected H
2-Propanol	67-63-0	5.9	24	61	12 JH
3-Chloropropene	107-05-1	9.5	31	63	Not Detected H
4-Ethyltoluene	622-96-8	3.8	15	24	Not Detected H
4-Methyl-2-pentanone	108-10-1	14	41	82	Not Detected H
Acetone	67-64-1	3.3	24	48	100 H

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-EFF-052525 (885-25608-2)	Date/Time Analyzed:	5/29/25 08:34 PM
Lab ID:	2505670A-02A	Dilution Factor:	1.00
Date/Time Collected:	5/24/25 08:15 AM	Instrument/Filename:	msd14.i / 14052927
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	1.9	16	26	Not Detected H
Benzene	71-43-2	2.5	9.6	16	20 H
Bromodichloromethane	75-27-4	5.3	20	34	Not Detected H
Bromoform	75-25-2	8.3	31	52	Not Detected H
Bromomethane	74-83-9	10	39	78	Not Detected H
Carbon Disulfide	75-15-0	6.2	31	62	Not Detected H
Carbon Tetrachloride	56-23-5	8.5	19	31	Not Detected H
Chlorobenzene	108-90-7	2.3	14	23	Not Detected H
Chloroethane	75-00-3	6.4	32	53	Not Detected H
Chloroform	67-66-3	2.1	15	24	Not Detected H
Chloromethane	74-87-3	4.7	21	41	Not Detected H
cis-1,2-Dichloroethene	156-59-2	4.0	12	20	Not Detected H
cis-1,3-Dichloropropene	10061-01-5	3.0	14	23	Not Detected H
Cumene	98-82-8	3.1	15	24	Not Detected H
Cyclohexane	110-82-7	5.3	10	17	110 H
Dibromochloromethane	124-48-1	5.3	26	42	Not Detected H
Ethanol	64-17-5	12	19	47	38 JH
Ethyl Benzene	100-41-4	5.0	13	22	10 JH
Freon 11	75-69-4	4.2	17	28	Not Detected H
Freon 113	76-13-1	4.7	23	38	Not Detected H
Freon 114	76-14-2	4.8	21	35	Not Detected H
Freon 12	75-71-8	6.7	15	25	Not Detected H
Heptane	142-82-5	5.5	12	20	210 H
Hexachlorobutadiene	87-68-3	67	110	210	Not Detected H

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CATX-EFF-052525 (885-25608-2)	Date/Time Analyzed:	5/29/25 08:34 PM
Lab ID:	2505670A-02A	Dilution Factor:	1.00
Date/Time Collected:	5/24/25 08:15 AM	Instrument/Filename:	msd14.i / 14052927
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	1.6	10	18	110 H
m,p-Xylene	108-38-3	3.8	13	22	50 H
Methyl tert-butyl ether	1634-04-4	1.6	11	18	Not Detected H
Methylene Chloride	75-09-2	8.1	35	69	8.7 JH
o-Xylene	95-47-6	5.6	13	22	14 JH
Propylbenzene	103-65-1	5.6	15	24	Not Detected H
Styrene	100-42-5	4.2	13	21	Not Detected H
Tetrachloroethene	127-18-4	4.4	20	34	19 JH
Tetrahydrofuran	109-99-9	5.2	8.8	15	180 H
Toluene	108-88-3	2.0	11	19	110 H
trans-1,2-Dichloroethene	156-60-5	6.2	12	20	Not Detected H
trans-1,3-Dichloropropene	10061-02-6	5.2	14	23	Not Detected H
Trichloroethene	79-01-6	3.1	16	27	Not Detected H
Vinyl Chloride	75-01-4	6.5	7.7	13	Not Detected H

H = Analyzed outside of holding time.

J = Estimated value.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	99
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	95

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	5/29/25 09:53 AM
Lab ID:	2505670A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	71-55-6	5.9	16	27	Not Detected
1,1,2,2-Tetrachloroethane	79-34-5	8.0	20	34	Not Detected
1,1,2-Trichloroethane	79-00-5	5.2	16	27	Not Detected
1,1-Dichloroethane	75-34-3	3.1	12	20	Not Detected
1,1-Dichloroethene	75-35-4	6.0	12	20	Not Detected
1,2,4-Trichlorobenzene	120-82-1	49	74	150	Not Detected
1,2,4-Trimethylbenzene	95-63-6	2.4	15	24	2.6 J
1,2-Dibromoethane (EDB)	106-93-4	8.6	23	38	Not Detected
1,2-Dichlorobenzene	95-50-1	2.5	18	30	Not Detected
1,2-Dichloroethane	107-06-2	4.3	12	20	Not Detected
1,2-Dichloropropane	78-87-5	5.0	14	23	Not Detected
1,3,5-Trimethylbenzene	108-67-8	2.7	15	24	Not Detected
1,3-Butadiene	106-99-0	4.0	6.6	11	Not Detected
1,3-Dichlorobenzene	541-73-1	4.1	18	30	Not Detected
1,4-Dichlorobenzene	106-46-7	4.3	18	30	Not Detected
1,4-Dioxane	123-91-1	4.3	36	72	Not Detected
2,2,4-Trimethylpentane	540-84-1	3.3	14	23	Not Detected
2-Butanone (Methyl Ethyl Ketone)	78-93-3	5.3	29	59	Not Detected
2-Hexanone	591-78-6	6.9	41	82	Not Detected
2-Propanol	67-63-0	5.9	24	61	Not Detected
3-Chloropropene	107-05-1	9.5	31	63	Not Detected
4-Ethyltoluene	622-96-8	3.8	15	24	Not Detected
4-Methyl-2-pentanone	108-10-1	14	41	82	Not Detected
Acetone	67-64-1	3.3	24	48	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	5/29/25 09:53 AM
Lab ID:	2505670A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
alpha-Chlorotoluene	100-44-7	1.9	16	26	Not Detected
Benzene	71-43-2	2.5	9.6	16	Not Detected
Bromodichloromethane	75-27-4	5.3	20	34	Not Detected
Bromoform	75-25-2	8.3	31	52	Not Detected
Bromomethane	74-83-9	10	39	78	Not Detected
Carbon Disulfide	75-15-0	6.2	31	62	Not Detected
Carbon Tetrachloride	56-23-5	8.5	19	31	Not Detected
Chlorobenzene	108-90-7	2.3	14	23	Not Detected
Chloroethane	75-00-3	6.4	32	53	Not Detected
Chloroform	67-66-3	2.1	15	24	Not Detected
Chloromethane	74-87-3	4.7	21	41	Not Detected
cis-1,2-Dichloroethene	156-59-2	4.0	12	20	Not Detected
cis-1,3-Dichloropropene	10061-01-5	3.0	14	23	Not Detected
Cumene	98-82-8	3.1	15	24	Not Detected
Cyclohexane	110-82-7	5.3	10	17	Not Detected
Dibromochloromethane	124-48-1	5.3	26	42	Not Detected
Ethanol	64-17-5	12	19	47	13 J
Ethyl Benzene	100-41-4	5.0	13	22	Not Detected
Freon 11	75-69-4	4.2	17	28	Not Detected
Freon 113	76-13-1	4.7	23	38	Not Detected
Freon 114	76-14-2	4.8	21	35	Not Detected
Freon 12	75-71-8	6.7	15	25	Not Detected
Heptane	142-82-5	5.5	12	20	Not Detected
Hexachlorobutadiene	87-68-3	67	110	210	Not Detected

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	5/29/25 09:53 AM
Lab ID:	2505670A-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/File Name:	msd14.i / 14052906a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Hexane	110-54-3	1.6	10	18	Not Detected
m,p-Xylene	108-38-3	3.8	13	22	Not Detected
Methyl tert-butyl ether	1634-04-4	1.6	11	18	Not Detected
Methylene Chloride	75-09-2	8.1	35	69	Not Detected
o-Xylene	95-47-6	5.6	13	22	Not Detected
Propylbenzene	103-65-1	5.6	15	24	Not Detected
Styrene	100-42-5	4.2	13	21	Not Detected
Tetrachloroethene	127-18-4	4.4	20	34	Not Detected
Tetrahydrofuran	109-99-9	5.2	8.8	15	Not Detected
Toluene	108-88-3	2.0	11	19	Not Detected
trans-1,2-Dichloroethene	156-60-5	6.2	12	20	Not Detected
trans-1,3-Dichloropropene	10061-02-6	5.2	14	23	Not Detected
Trichloroethene	79-01-6	3.1	16	27	Not Detected
Vinyl Chloride	75-01-4	6.5	7.7	13	Not Detected

J = Estimated value.
D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	101
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	97

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	5/29/25 08:18 AM
Lab ID:	2505670A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052902
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	114
1,1,2,2-Tetrachloroethane	79-34-5	106
1,1,2-Trichloroethane	79-00-5	114
1,1-Dichloroethane	75-34-3	113
1,1-Dichloroethene	75-35-4	120
1,2,4-Trichlorobenzene	120-82-1	111
1,2,4-Trimethylbenzene	95-63-6	111
1,2-Dibromoethane (EDB)	106-93-4	107
1,2-Dichlorobenzene	95-50-1	112
1,2-Dichloroethane	107-06-2	110
1,2-Dichloropropane	78-87-5	105
1,3,5-Trimethylbenzene	108-67-8	114
1,3-Butadiene	106-99-0	110
1,3-Dichlorobenzene	541-73-1	111
1,4-Dichlorobenzene	106-46-7	111
1,4-Dioxane	123-91-1	112
2,2,4-Trimethylpentane	540-84-1	111
2-Butanone (Methyl Ethyl Ketone)	78-93-3	111
2-Hexanone	591-78-6	102
2-Propanol	67-63-0	101
3-Chloropropene	107-05-1	114
4-Ethyltoluene	622-96-8	112
4-Methyl-2-pentanone	108-10-1	100
Acetone	67-64-1	115

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	5/29/25 08:18 AM
Lab ID:	2505670A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052902
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	100
Benzene	71-43-2	112
Bromodichloromethane	75-27-4	107
Bromoform	75-25-2	108
Bromomethane	74-83-9	123
Carbon Disulfide	75-15-0	119
Carbon Tetrachloride	56-23-5	115
Chlorobenzene	108-90-7	113
Chloroethane	75-00-3	127
Chloroform	67-66-3	112
Chloromethane	74-87-3	113
cis-1,2-Dichloroethene	156-59-2	115
cis-1,3-Dichloropropene	10061-01-5	107
Cumene	98-82-8	107
Cyclohexane	110-82-7	110
Dibromochloromethane	124-48-1	111
Ethanol	64-17-5	104
Ethyl Benzene	100-41-4	109
Freon 11	75-69-4	129
Freon 113	76-13-1	122
Freon 114	76-14-2	122
Freon 12	75-71-8	118
Heptane	142-82-5	106
Hexachlorobutadiene	87-68-3	99

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	5/29/25 08:18 AM
Lab ID:	2505670A-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/File Name:	msd14.i / 14052902
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	110
m,p-Xylene	108-38-3	106
Methyl tert-butyl ether	1634-04-4	106
Methylene Chloride	75-09-2	114
o-Xylene	95-47-6	107
Propylbenzene	103-65-1	104
Styrene	100-42-5	114
Tetrachloroethene	127-18-4	114
Tetrahydrofuran	109-99-9	102
Toluene	108-88-3	113
trans-1,2-Dichloroethene	156-60-5	114
trans-1,3-Dichloropropene	10061-02-6	110
Trichloroethene	79-01-6	109
Vinyl Chloride	75-01-4	120

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	5/29/25 08:41 AM
Lab ID:	2505670A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	114
1,1,2,2-Tetrachloroethane	79-34-5	101
1,1,2-Trichloroethane	79-00-5	111
1,1-Dichloroethane	75-34-3	115
1,1-Dichloroethene	75-35-4	112
1,2,4-Trichlorobenzene	120-82-1	127
1,2,4-Trimethylbenzene	95-63-6	108
1,2-Dibromoethane (EDB)	106-93-4	104
1,2-Dichlorobenzene	95-50-1	105
1,2-Dichloroethane	107-06-2	111
1,2-Dichloropropane	78-87-5	104
1,3,5-Trimethylbenzene	108-67-8	104
1,3-Butadiene	106-99-0	109
1,3-Dichlorobenzene	541-73-1	102
1,4-Dichlorobenzene	106-46-7	104
1,4-Dioxane	123-91-1	114
2,2,4-Trimethylpentane	540-84-1	112
2-Butanone (Methyl Ethyl Ketone)	78-93-3	108
2-Hexanone	591-78-6	97
2-Propanol	67-63-0	111
3-Chloropropene	107-05-1	111
4-Ethyltoluene	622-96-8	105
4-Methyl-2-pentanone	108-10-1	96
Acetone	67-64-1	111

* % Recovery is calculated using unrounded analytical results.



EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	5/29/25 08:41 AM
Lab ID:	2505670A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	91
Benzene	71-43-2	112
Bromodichloromethane	75-27-4	105
Bromoform	75-25-2	102
Bromomethane	74-83-9	123
Carbon Disulfide	75-15-0	114
Carbon Tetrachloride	56-23-5	113
Chlorobenzene	108-90-7	108
Chloroethane	75-00-3	129
Chloroform	67-66-3	111
Chloromethane	74-87-3	118
cis-1,2-Dichloroethene	156-59-2	114
cis-1,3-Dichloropropene	10061-01-5	106
Cumene	98-82-8	100
Cyclohexane	110-82-7	106
Dibromochloromethane	124-48-1	107
Ethanol	64-17-5	108
Ethyl Benzene	100-41-4	103
Freon 11	75-69-4	134 Q
Freon 113	76-13-1	118
Freon 114	76-14-2	121
Freon 12	75-71-8	117
Heptane	142-82-5	102
Hexachlorobutadiene	87-68-3	110

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	5/29/25 08:41 AM
Lab ID:	2505670A-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052903
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	107
m,p-Xylene	108-38-3	105
Methyl tert-butyl ether	1634-04-4	107
Methylene Chloride	75-09-2	111
o-Xylene	95-47-6	102
Propylbenzene	103-65-1	96
Styrene	100-42-5	105
Tetrachloroethene	127-18-4	106
Tetrahydrofuran	109-99-9	100
Toluene	108-88-3	110
trans-1,2-Dichloroethene	156-60-5	112
trans-1,3-Dichloropropene	10061-02-6	105
Trichloroethene	79-01-6	107
Vinyl Chloride	75-01-4	122

Q = Exceeds Quality Control limits.

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	5/29/25 09:03 AM
Lab ID:	2505670A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1,1-Trichloroethane	71-55-6	113
1,1,2,2-Tetrachloroethane	79-34-5	101
1,1,2-Trichloroethane	79-00-5	109
1,1-Dichloroethane	75-34-3	113
1,1-Dichloroethene	75-35-4	108
1,2,4-Trichlorobenzene	120-82-1	124
1,2,4-Trimethylbenzene	95-63-6	107
1,2-Dibromoethane (EDB)	106-93-4	102
1,2-Dichlorobenzene	95-50-1	106
1,2-Dichloroethane	107-06-2	107
1,2-Dichloropropane	78-87-5	106
1,3,5-Trimethylbenzene	108-67-8	106
1,3-Butadiene	106-99-0	105
1,3-Dichlorobenzene	541-73-1	104
1,4-Dichlorobenzene	106-46-7	102
1,4-Dioxane	123-91-1	111
2,2,4-Trimethylpentane	540-84-1	109
2-Butanone (Methyl Ethyl Ketone)	78-93-3	109
2-Hexanone	591-78-6	95
2-Propanol	67-63-0	109
3-Chloropropene	107-05-1	111
4-Ethyltoluene	622-96-8	105
4-Methyl-2-pentanone	108-10-1	102
Acetone	67-64-1	109

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	5/29/25 09:03 AM
Lab ID:	2505670A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
alpha-Chlorotoluene	100-44-7	92
Benzene	71-43-2	110
Bromodichloromethane	75-27-4	103
Bromoform	75-25-2	103
Bromomethane	74-83-9	127
Carbon Disulfide	75-15-0	112
Carbon Tetrachloride	56-23-5	112
Chlorobenzene	108-90-7	109
Chloroethane	75-00-3	124
Chloroform	67-66-3	108
Chloromethane	74-87-3	112
cis-1,2-Dichloroethene	156-59-2	112
cis-1,3-Dichloropropene	10061-01-5	101
Cumene	98-82-8	99
Cyclohexane	110-82-7	110
Dibromochloromethane	124-48-1	106
Ethanol	64-17-5	100
Ethyl Benzene	100-41-4	103
Freon 11	75-69-4	128
Freon 113	76-13-1	116
Freon 114	76-14-2	120
Freon 12	75-71-8	118
Heptane	142-82-5	99
Hexachlorobutadiene	87-68-3	109

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	5/29/25 09:03 AM
Lab ID:	2505670A-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd14.i / 14052904
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
Hexane	110-54-3	103
m,p-Xylene	108-38-3	103
Methyl tert-butyl ether	1634-04-4	104
Methylene Chloride	75-09-2	113
o-Xylene	95-47-6	100
Propylbenzene	103-65-1	94
Styrene	100-42-5	107
Tetrachloroethene	127-18-4	109
Tetrahydrofuran	109-99-9	99
Toluene	108-88-3	108
trans-1,2-Dichloroethene	156-60-5	111
trans-1,3-Dichloropropene	10061-02-6	103
Trichloroethene	79-01-6	108
Vinyl Chloride	75-01-4	121

D: Analyte not within the DoD scope of accreditation.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	95

* % Recovery is calculated using unrounded analytical results.



Air Toxics

Method : TO-15 (5&20 ppbv)

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	5.0
76-14-2	Freon 114	5.0
74-87-3	Chloromethane	20
75-01-4	Vinyl Chloride	5.0
106-99-0	1,3-Butadiene	5.0
74-83-9	Bromomethane	20
75-00-3	Chloroethane	20
75-69-4	Freon 11	5.0
64-17-5	Ethanol	25
76-13-1	Freon 113	5.0
75-35-4	1,1-Dichloroethene	5.0
67-64-1	Acetone	20
67-63-0	2-Propanol	25
75-15-0	Carbon Disulfide	20
107-05-1	3-Chloropropene	20
75-09-2	Methylene Chloride	20
1634-04-4	Methyl tert-butyl ether	5.0
156-60-5	trans-1,2-Dichloroethene	5.0
110-54-3	Hexane	5.0
75-34-3	1,1-Dichloroethane	5.0
78-93-3	2-Butanone (Methyl Ethyl Ketone)	20
156-59-2	cis-1,2-Dichloroethene	5.0
109-99-9	Tetrahydrofuran	5.0
67-66-3	Chloroform	5.0
71-55-6	1,1,1-Trichloroethane	5.0
110-82-7	Cyclohexane	5.0
56-23-5	Carbon Tetrachloride	5.0
540-84-1	2,2,4-Trimethylpentane	5.0
71-43-2	Benzene	5.0
107-06-2	1,2-Dichloroethane	5.0
142-82-5	Heptane	5.0
79-01-6	Trichloroethene	5.0
78-87-5	1,2-Dichloropropane	5.0
123-91-1	1,4-Dioxane	20
75-27-4	Bromodichloromethane	5.0
10061-01-5	cis-1,3-Dichloropropene	5.0
108-10-1	4-Methyl-2-pentanone	20
108-88-3	Toluene	5.0
10061-02-6	trans-1,3-Dichloropropene	5.0
79-00-5	1,1,2-Trichloroethane	5.0
127-18-4	Tetrachloroethene	5.0
591-78-6	2-Hexanone	20
124-48-1	Dibromochloromethane	5.0
106-93-4	1,2-Dibromoethane (EDB)	5.0



Air Toxics

Method : TO-15 (5&20 ppbv)

CAS Number	Compound	Rpt. Limit (ppbv)
108-90-7	Chlorobenzene	5.0
100-41-4	Ethyl Benzene	5.0
108-38-3	m,p-Xylene	5.0
95-47-6	o-Xylene	5.0
100-42-5	Styrene	5.0
75-25-2	Bromoform	5.0
98-82-8	Cumene	5.0
79-34-5	1,1,2,2-Tetrachloroethane	5.0
103-65-1	Propylbenzene	5.0
622-96-8	4-Ethyltoluene	5.0
108-67-8	1,3,5-Trimethylbenzene	5.0
95-63-6	1,2,4-Trimethylbenzene	5.0
541-73-1	1,3-Dichlorobenzene	5.0
106-46-7	1,4-Dichlorobenzene	5.0
100-44-7	alpha-Chlorotoluene	5.0
95-50-1	1,2-Dichlorobenzene	5.0
120-82-1	1,2,4-Trichlorobenzene	20
87-68-3	Hexachlorobutadiene	20
	Surrogate	Method Limits
17060-07-0	1,2-Dichloroethane-d4	70-130
2037-26-5	Toluene-d8	70-130
460-00-4	4-Bromofluorobenzene	70-130



Air Toxics

Analytical Report

6/9/2025

Hall Lab Data

Eurofins Albuquerque (formerly Hall Environmental)

4901 Hawkins NE

Suite D

Albuquerque NM 87109

Project Name: EPCGP Johnston Federal #4

Project #: 88502731

Workorder #: 2505670B

Dear Hall Lab Data

The following report includes the data for the above referenced project for sample(s) received on 5/29/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-3 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker

Project Manager





Air Toxics

WORK ORDER #: 2505670B

Work Order Summary

CLIENT:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D Albuquerque, NM 87109	BILL TO:	Hall Lab Data Eurofins Albuquerque (formerly Hall Environmental) 4901 Hawkins NE Suite D
PHONE:	505-345-3975	P.O. #	
FAX:	505-345-4107	PROJECT #	88502731 EPCGP Johnston Federal #4
DATE RECEIVED:	05/29/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	06/09/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	CATX-INF-052525 (885-25608-1)	Modified TO-3	Tedlar Bag	Tedlar Bag
02A	CATX-EFF-052525 (885-25608-2)	Modified TO-3	Tedlar Bag	Tedlar Bag
03A	Lab Blank	Modified TO-3	NA	NA
04A	CCV	Modified TO-3	NA	NA
05A	LCS	Modified TO-3	NA	NA
05AA	LCSD	Modified TO-3	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 06/09/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

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Air Toxics

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LABORATORY NARRATIVE
Modified TO-3
Eurofins Albuquerque (formerly Hall Environmental)
Workorder# 2505670B

Two 1 Liter Tedlar Bag samples were received on May 29, 2025. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The TPH results are calculated using the response of Gasoline. A molecular weight of 100 is used to convert the TPH ppmv result to ug/m³. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-3</i>	<i>ATL Modifications</i>
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch <=/ 20 samples.
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation $DL = A + 3.3S$, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

Samples were received past the recommended hold time of 3 days. Analysis proceeded.

The sample shipping container was received with a custody seal. However, a signature and date were not provided on the custody seal. The client was notified, and analysis of samples proceeded.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

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Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

- B - Compound present in laboratory blank greater than reporting limit.
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the detection limit.
- M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	CATX-INF-052525 (885-25608-1)	Date/Time Analyzed:	5/30/25 08:58 PM
Lab ID:	2505670B-01A	Dilution Factor:	133
Date/Time Collected:	5/24/25 08:10 AM	Instrument/Filename:	gcd.i / d053019
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	8500	11000	14000	7100000
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	121

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	CATX-EFF-052525 (885-25608-2)	Date/Time Analyzed:	5/30/25 06:39 PM
Lab ID:	2505670B-02A	Dilution Factor:	1.00
Date/Time Collected:	5/24/25 08:15 AM	Instrument/Filename:	gcd.i / d053016
Media:	1 Liter Tedlar Bag		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	64	82	100	3600
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	109

MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	Lab Blank	Date/Time Analyzed:	5/30/25 03:49 PM
Lab ID:	2505670B-03A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d053012
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH (Gasoline Range)	9999-9999-208	64	82	100	Not Detected
Surrogates	CAS#			Limits	%Recovery
Fluorobenzene (FID)	462-06-602			75-150	102



MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	CCV	Date/Time Analyzed:	5/30/25 02:09 PM
Lab ID:	2505670B-04A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d053010
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		89
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	117



MODIFIED EPA METHOD TO-3 GC/FID
 EPCGP Johnston Federal #4

Client ID:	LCS	Date/Time Analyzed:	5/30/25 02:51 PM
Lab ID:	2505670B-05A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d053011
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		82
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	121

* % Recovery is calculated using unrounded analytical results.



MODIFIED EPA METHOD TO-3 GC/FID
EPCGP Johnston Federal #4

Client ID:	LCSD	Date/Time Analyzed:	5/30/25 09:43 PM
Lab ID:	2505670B-05AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	gcd.i / d053020
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
TPH (Gasoline Range)	9999-9999-208		86
Surrogates	CAS#	Limits	%Recovery
Fluorobenzene (FID)	462-06-602	75-150	120

* % Recovery is calculated using unrounded analytical results.



Air Toxics

Method : Modified TO-3 (Sh)-TPHg only

CAS Number	Compound	Rpt. Limit (ppmv)
9999-9999-208	TPH (Gasoline Range)	0.025
Surrogate	Method Limits	
462-06-602	Fluorobenzene (FID)	75-150

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2505670

Chain of Custody Record



Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque, NM 87109
 Phone: 505-345-3975 Fax: 505-345-4107

Client Information (Sub Contract Lab)
 Client Contact: N/A
 Shipping/Receiving: N/A
 Company: Eurofins Air Toxics, Inc.
 Address: 180 Blue Ravine Road, Suite B, Folsom, CA, 95630
 State, Zip: CA, 95630
 Phone: N/A
 Email: N/A
 Project Name: EPCGP Johnston Federal #4
 Site: N/A

Sampler: N/A
 Lab PM: Upton, Catherine
 E-Mail: Catherine.upton@eurofins.com
 Accreditations Required (See note): NELAP - Oregon; State - New Mexico

Due Date Requested: 6/9/2025
 TAT Requested (days): N/A
 Carrier Tracking No(s): N/A
 State of Origin: New Mexico
 COC No: 885-5112-1
 Page: Page 1 of 1
 Job #: 885-25608-1
 Preservation Codes:

Sample ID (Lab ID)	Sample Date	Sample Title	Sample Type (G=Comp, G=grab)	Matrix (Inventor, Special, Operational, Preservative Avail)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (TO-15 VOA) / TO-15 VOA	SUB (TO-3 TPH) / TO-3 TPH	Total Number of containers	Special Instructions/Note:
CATOX-INF-052525 (885-25608-1)	5/24/25	08:10 Mountain	G	Air	X	X	X	X	2	
CATOX-EFF-052525 (885-25608-2)	5/24/25	08:15 Mountain	G	Air	X	X	X	X	2	CF: FINAL C.C. TIME STORED: 5/29/25 NO. 25608-1

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2
 Special Instructions/QC Requirements: Return To Client Dispose By Lab Archive For _____ Months

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

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/shipment, being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

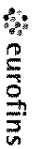
Requisitioned by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	Method of Shipment:
Requisitioned by: <i>[Signature]</i>	Date/Time: 5/28/25 1400	Company:	Received by: <i>[Signature]</i>	Date/Time: 5/28/25 0943	Company: <i>[Signature]</i>	
Requisitioned by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	

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

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2505670

Chain of Custody Record



Environment Testing

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque, NM 87109
 Phone: 505-345-3975 Fax: 505-345-4107

Client Information (Sub Contract Lab)

Client Contact:	N/A	Sampler:	N/A	Lab PM:	Upton, Catherine	Carrier Tracking No(s):	N/A	COC No.:	885-5112-1
Shipping/Receiving:	N/A	Phone:	N/A	E-Mail:	Catherine.upton@eurofins.com	State of Origin:	New Mexico	Page:	Page 1 of 1
Company:	Eurofins Air Toxics, Inc.	Due Date Requested:	6/9/2025	Accreditations Required (See note):	NE/LAP - Oregon; State - New Mexico	Job #:	885-25608-1	Preservation Codes:	
Address:	180 Blue Ravine Road, Suite B, Folsom, CA 95630	TAT Requested (days):	N/A	Analysis Requested		Other:	N/A		
City:	Folsom	PO #:	N/A	Field Filtered Sample (Yes or No)	<input checked="" type="checkbox"/>				
State, Zip:	CA, 95630	WO #:	N/A	Perform MS/MSD (Yes or No)	<input checked="" type="checkbox"/>				
Phone:	N/A	Project #:	88502731	SUB (TO-15 VOA) / TO-15 VOA	<input checked="" type="checkbox"/>				
Email:	N/A	SSOW#:	N/A	SUB (TO-3 TPH) / TO-3 TPH	<input checked="" type="checkbox"/>				
Project Name:	EPCGP Johnston Federal #4								
Site:	N/A								

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Title	Sample Type (G=Comp, G=grab)	Matrix (Inventor, Special, Operational, Preservative Avail)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (TO-15 VOA) / TO-15 VOA	SUB (TO-3 TPH) / TO-3 TPH	Total Number of containers	Special Instructions/Note:
CATOX-INF-052525 (885-25608-1)	5/24/25	08:10 Mountain	G	Air	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	
CATOX-EFF-052525 (885-25608-2)	5/24/25	08:15 Mountain	G	Air	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/shipment, being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2
 Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:

Date/Time: 5/28/25 1400 Company: _____
 Received by: [Signature] Date/Time: 5/28/25 0943 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: _____

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record



Client Information		Lab PM: Upton, Catherine		COC No: 885-3840-461					
Client Contact: Sean Clary		E-Mail: Catherine.upton@et.eurofins.com		Page: Page 1 of 1					
Company: Stantec Consulting Services, Inc.		PWSID:		Job #: 885-25608 COC					
Address: 11311 Aurora Avenue		Due Date Requested:		Preservation Codes: N - None					
City: Des Moines		TAT Requested (days): Standard		Other:					
State, Zip: IA, 50322-7904		Compliance Project: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Total Number of Containers: 2					
Phone: PO #: WD1040031		Project #: 88502731		Special Instructions/Note:					
Email: sean.clary@stantec.com		SSOW#:							
Project Name: EPCGP Johnston Federal #4									
Site:									
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=TISSUE, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT - TO-15 BTEX	SUBCONTRACT - TO-3 TPH	Analysis Requested
CATOX-INF-052425	5/24/2025	0810	G	Air					
CATOX-EFF-052425	5/24/2025	0815	G	Air					
<i>[Handwritten signature]</i>									
Possible Hazard Identification									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:									
Relinquished by: <i>[Signature]</i> Date: 5/24/2025 1300 Company: STW									
Relinquished by: <i>[Signature]</i> Date: 5/24/25 1800 Company: Eurofins									
Relinquished by: <i>[Signature]</i> Date/Time: 5/24/25 0750 Company: COVERER									
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: 19.9.10.2=20.0°C									
Cooler Temperature(s) °C and Other Remarks: No ICE									

Ver: 10/10/2024



Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 885-25608-1

Login Number: 25608

List Source: Eurofins Albuquerque

List Number: 1

Creator: Alderette, Joseph

Question	Answer	Comment
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	
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	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/5/2025 9:36:59 AM Revision 1

JOB DESCRIPTION

Johnson Federal #4

JOB NUMBER

885-37940-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization



Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

Generated
12/5/2025 9:36:59 AM
Revision 1

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Laboratory Job ID: 885-37940-1



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Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Air - GC VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Eurofins Albuquerque

Case Narrative

Client: Stantec Consulting Services Inc
Project: Johnson Federal #4

Job ID: 885-37940-1

Job ID: 885-37940-1

Eurofins Albuquerque

**Job Narrative
885-37940-1**

REVISION

The report being provided is a revision of the original report sent on 12/3/2025. The report (revision 1) is being revised due to client request to see J values.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/19/2025 8:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

The following samples were received outside of the 3-day recommended holding time for samples in Tedlar Bags: J Fed 4-INF-1125 (885-37940-1) and J Fed 4-EFF-1125 (885-37940-2).

Air - GC/MS VOA

Method TO15_PF: The following samples were analyzed outside of analytical holding time due to samples received past holding time: J Fed 4-INF-1125 (885-37940-1) and J Fed 4-EFF-1125 (885-37940-2).

Method TO15_PF: The initial calibration associated with batch 570-647420 exhibited a %RSD >30% and ≤40% for the following analyte(s): chloromethane and Benzyl chloride.

The laboratory variances allow the %RSD up to 40% for two requested analytes not listed in AFCEE 4.0.02 QAPP.

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

Air - GC VOA

Method TO3_GC: The following samples were analyzed outside of holding time due to samples received past holding time: J Fed 4-INF-1125 (885-37940-1) and J Fed 4-EFF-1125 (885-37940-2).

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

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Client Sample ID: J Fed 4-INF-1125

Lab Sample ID: 885-37940-1

Date Collected: 11/16/25 10:30

Matrix: Air

Date Received: 11/19/25 08:15

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	2100	900	ug/m3			11/20/25 17:29	781.25
1,1,2,2-Tetrachloroethane	ND	H	5400	1000	ug/m3			11/20/25 17:29	781.25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	9000	1700	ug/m3			11/20/25 17:29	781.25
1,1,2-Trichloroethane	ND	H	2100	1000	ug/m3			11/20/25 17:29	781.25
1,1-Dichloroethane	ND	H	1600	680	ug/m3			11/20/25 17:29	781.25
1,1-Dichloroethene	ND	H	1500	680	ug/m3			11/20/25 17:29	781.25
1,1-Difluoroethane	ND	H	11000	1500	ug/m3			11/20/25 17:29	781.25
1,2,4-Trichlorobenzene	ND	H	12000	5900	ug/m3			11/20/25 17:29	781.25
1,2,4-Trimethylbenzene	13000	H	5800	1700	ug/m3			11/20/25 17:29	781.25
1,2-Dibromo-3-Chloropropane	ND	H	3800	2300	ug/m3			11/20/25 17:29	781.25
1,2-Dibromoethane	ND	H	3000	1100	ug/m3			11/20/25 17:29	781.25
1,2-Dichlorobenzene	ND	H	2300	1200	ug/m3			11/20/25 17:29	781.25
1,2-Dichloroethane	ND	H	1600	610	ug/m3			11/20/25 17:29	781.25
1,2-Dichloropropane	ND	H	1800	700	ug/m3			11/20/25 17:29	781.25
1,3,5-Trimethylbenzene	12000	H	1900	790	ug/m3			11/20/25 17:29	781.25
1,3-Dichlorobenzene	ND	H	2300	1300	ug/m3			11/20/25 17:29	781.25
1,4-Dichlorobenzene	ND	H	2300	1400	ug/m3			11/20/25 17:29	781.25
2-Butanone (MEK)	ND	H	3500	1400	ug/m3			11/20/25 17:29	781.25
2-Hexanone	ND	H	4800	2300	ug/m3			11/20/25 17:29	781.25
4-Ethyltoluene	4900	H	1900	890	ug/m3			11/20/25 17:29	781.25
4-Methyl-2-pentanone (MIBK)	ND	H	4800	2000	ug/m3			11/20/25 17:29	781.25
Acetone	ND	H	9300	1500	ug/m3			11/20/25 17:29	781.25
Benzene	69000	H	1200	490	ug/m3			11/20/25 17:29	781.25
Benzyl chloride	ND	H	6100	3000	ug/m3			11/20/25 17:29	781.25
Bromodichloromethane	ND	H	2600	920	ug/m3			11/20/25 17:29	781.25
Bromoform	ND	H	4000	1400	ug/m3			11/20/25 17:29	781.25
Bromomethane	ND	H	1500	750	ug/m3			11/20/25 17:29	781.25
cis-1,2-Dichloroethene	ND	H	1500	740	ug/m3			11/20/25 17:29	781.25
cis-1,3-Dichloropropene	ND	H	1800	820	ug/m3			11/20/25 17:29	781.25
Carbon disulfide	3300	J H	12000	680	ug/m3			11/20/25 17:29	781.25
Carbon tetrachloride	ND	H	2500	810	ug/m3			11/20/25 17:29	781.25
Chlorobenzene	ND	H	1800	570	ug/m3			11/20/25 17:29	781.25
Chloroethane	ND	H	1000	600	ug/m3			11/20/25 17:29	781.25
Chloroform	ND	H	1900	860	ug/m3			11/20/25 17:29	781.25
Chloromethane	ND	H	810	490	ug/m3			11/20/25 17:29	781.25
Dibromochloromethane	ND	H	3300	1000	ug/m3			11/20/25 17:29	781.25
Dichlorodifluoromethane	ND	H	1900	1100	ug/m3			11/20/25 17:29	781.25
Dichlorotetrafluoroethane	ND	H	11000	3100	ug/m3			11/20/25 17:29	781.25
Ethylbenzene	26000	H	1700	700	ug/m3			11/20/25 17:29	781.25
Hexachloro-1,3-butadiene	ND	H	12000	5400	ug/m3			11/20/25 17:29	781.25
Isopropanol	ND	H	96000	6100	ug/m3			11/20/25 17:29	781.25
Methylene Chloride	ND	H	3400	2400	ug/m3			11/20/25 17:29	781.25
Methyl-t-Butyl Ether (MTBE)	ND	H	5600	1800	ug/m3			11/20/25 17:29	781.25
n-Butylbenzene	ND	H	6400	2300	ug/m3			11/20/25 17:29	781.25
o-Xylene	42000	H	1700	690	ug/m3			11/20/25 17:29	781.25
m,p-Xylene	220000	H	6800	1900	ug/m3			11/20/25 17:29	781.25
sec-Butylbenzene	ND	H	6400	1800	ug/m3			11/20/25 17:29	781.25
Styrene	ND	H	5000	1700	ug/m3			11/20/25 17:29	781.25

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Client Sample ID: J Fed 4-INF-1125

Lab Sample ID: 885-37940-1

Date Collected: 11/16/25 10:30

Matrix: Air

Date Received: 11/19/25 08:15

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	H	1500	700	ug/m3			11/20/25 17:29	781.25
trans-1,3-Dichloropropene	ND	H	3500	890	ug/m3			11/20/25 17:29	781.25
tert-Butylbenzene	ND	H	6400	1900	ug/m3			11/20/25 17:29	781.25
Tetrachloroethene	ND	H	2600	1200	ug/m3			11/20/25 17:29	781.25
Toluene	210000	H	15000	630	ug/m3			11/20/25 17:29	781.25
Trichloroethene	ND	H	2100	840	ug/m3			11/20/25 17:29	781.25
Trichlorofluoromethane	ND	H	4400	1000	ug/m3			11/20/25 17:29	781.25
Vinyl acetate	ND	H	5500	1700	ug/m3			11/20/25 17:29	781.25
Vinyl chloride	ND	H	1000	520	ug/m3			11/20/25 17:29	781.25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 132					11/20/25 17:29	781.25
4-Bromofluorobenzene (Surr)	116		70 - 130					11/20/25 17:29	781.25
Toluene-d8 (Surr)	104		70 - 130					11/20/25 17:29	781.25

Method: EPA TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH (as Gasoline)	17000000	H	82000	40000	ug/m3			11/20/25 13:06	10

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Client Sample ID: J Fed 4-EFF-1125

Lab Sample ID: 885-37940-2

Date Collected: 11/16/25 10:35

Matrix: Air

Date Received: 11/19/25 08:15

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	2.7	1.1	ug/m3			11/20/25 16:47	1
1,1,2,2-Tetrachloroethane	ND	H	6.9	1.3	ug/m3			11/20/25 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	11	2.2	ug/m3			11/20/25 16:47	1
1,1,2-Trichloroethane	ND	H	2.7	1.3	ug/m3			11/20/25 16:47	1
1,1-Dichloroethane	ND	H	2.0	0.87	ug/m3			11/20/25 16:47	1
1,1-Dichloroethene	ND	H	2.0	0.87	ug/m3			11/20/25 16:47	1
1,1-Difluoroethane	ND	H	14	2.0	ug/m3			11/20/25 16:47	1
1,2,4-Trichlorobenzene	ND	H	15	7.5	ug/m3			11/20/25 16:47	1
1,2,4-Trimethylbenzene	3.5	J H	7.4	2.1	ug/m3			11/20/25 16:47	1
1,2-Dibromo-3-Chloropropane	ND	H	4.8	2.9	ug/m3			11/20/25 16:47	1
1,2-Dibromoethane	ND	H	3.8	1.4	ug/m3			11/20/25 16:47	1
1,2-Dichlorobenzene	ND	H	3.0	1.6	ug/m3			11/20/25 16:47	1
1,2-Dichloroethane	ND	H	2.0	0.78	ug/m3			11/20/25 16:47	1
1,2-Dichloropropane	ND	H	2.3	0.90	ug/m3			11/20/25 16:47	1
1,3,5-Trimethylbenzene	2.9	H	2.5	1.0	ug/m3			11/20/25 16:47	1
1,3-Dichlorobenzene	ND	H	3.0	1.7	ug/m3			11/20/25 16:47	1
1,4-Dichlorobenzene	ND	H	3.0	1.8	ug/m3			11/20/25 16:47	1
2-Butanone (MEK)	5.7	H	4.4	1.8	ug/m3			11/20/25 16:47	1
2-Hexanone	ND	H	6.1	3.0	ug/m3			11/20/25 16:47	1
4-Ethyltoluene	1.4	J H	2.5	1.1	ug/m3			11/20/25 16:47	1
4-Methyl-2-pentanone (MIBK)	ND	H	6.1	2.6	ug/m3			11/20/25 16:47	1
Acetone	56	H	12	1.9	ug/m3			11/20/25 16:47	1
Benzene	12	H	1.6	0.63	ug/m3			11/20/25 16:47	1
Benzyl chloride	ND	H	7.8	3.8	ug/m3			11/20/25 16:47	1
Bromodichloromethane	ND	H	3.4	1.2	ug/m3			11/20/25 16:47	1
Bromoform	ND	H	5.2	1.8	ug/m3			11/20/25 16:47	1
Bromomethane	ND	H	1.9	0.96	ug/m3			11/20/25 16:47	1
cis-1,2-Dichloroethene	ND	H	2.0	0.94	ug/m3			11/20/25 16:47	1
cis-1,3-Dichloropropene	ND	H	2.3	1.1	ug/m3			11/20/25 16:47	1
Carbon disulfide	ND	H	16	0.88	ug/m3			11/20/25 16:47	1
Carbon tetrachloride	ND	H	3.1	1.0	ug/m3			11/20/25 16:47	1
Chlorobenzene	ND	H	2.3	0.73	ug/m3			11/20/25 16:47	1
Chloroethane	ND	H	1.3	0.77	ug/m3			11/20/25 16:47	1
Chloroform	ND	H	2.4	1.1	ug/m3			11/20/25 16:47	1
Chloromethane	0.67	J H	1.0	0.62	ug/m3			11/20/25 16:47	1
Dibromochloromethane	ND	H	4.3	1.3	ug/m3			11/20/25 16:47	1
Dichlorodifluoromethane	2.0	J H	2.5	1.5	ug/m3			11/20/25 16:47	1
Dichlorotetrafluoroethane	ND	H	14	4.0	ug/m3			11/20/25 16:47	1
Ethylbenzene	8.5	H	2.2	0.90	ug/m3			11/20/25 16:47	1
Hexachloro-1,3-butadiene	ND	H	16	6.9	ug/m3			11/20/25 16:47	1
Isopropanol	11	J H	120	7.8	ug/m3			11/20/25 16:47	1
Methylene Chloride	ND	H	4.3	3.1	ug/m3			11/20/25 16:47	1
Methyl-t-Butyl Ether (MTBE)	ND	H	7.2	2.4	ug/m3			11/20/25 16:47	1
n-Butylbenzene	ND	H	8.2	3.0	ug/m3			11/20/25 16:47	1
o-Xylene	13	H	2.2	0.89	ug/m3			11/20/25 16:47	1
m,p-Xylene	59	H	8.7	2.4	ug/m3			11/20/25 16:47	1
sec-Butylbenzene	ND	H	8.2	2.3	ug/m3			11/20/25 16:47	1
Styrene	ND	H	6.4	2.2	ug/m3			11/20/25 16:47	1

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Client Sample ID: J Fed 4-EFF-1125

Lab Sample ID: 885-37940-2

Date Collected: 11/16/25 10:35

Matrix: Air

Date Received: 11/19/25 08:15

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	H	2.0	0.89	ug/m3			11/20/25 16:47	1
trans-1,3-Dichloropropene	ND	H	4.5	1.1	ug/m3			11/20/25 16:47	1
tert-Butylbenzene	ND	H	8.2	2.4	ug/m3			11/20/25 16:47	1
Tetrachloroethene	ND	H	3.4	1.5	ug/m3			11/20/25 16:47	1
Toluene	48	H	19	0.80	ug/m3			11/20/25 16:47	1
Trichloroethene	ND	H	2.7	1.1	ug/m3			11/20/25 16:47	1
Trichlorofluoromethane	ND	H	5.6	1.3	ug/m3			11/20/25 16:47	1
Vinyl acetate	ND	H	7.0	2.2	ug/m3			11/20/25 16:47	1
Vinyl chloride	ND	H	1.3	0.67	ug/m3			11/20/25 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 132					11/20/25 16:47	1
4-Bromofluorobenzene (Surr)	113		70 - 130					11/20/25 16:47	1
Toluene-d8 (Surr)	100		70 - 130					11/20/25 16:47	1

Method: EPA TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH (as Gasoline)	5500	J H	8200	4000	ug/m3			11/20/25 12:13	1

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-659176/7

Matrix: Air

Analysis Batch: 659176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	1.1	ug/m3			11/20/25 15:23	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.3	ug/m3			11/20/25 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.2	ug/m3			11/20/25 15:23	1
1,1,2-Trichloroethane	ND		2.7	1.3	ug/m3			11/20/25 15:23	1
1,1-Dichloroethane	ND		2.0	0.87	ug/m3			11/20/25 15:23	1
1,1-Dichloroethene	ND		2.0	0.87	ug/m3			11/20/25 15:23	1
1,1-Difluoroethane	ND		14	2.0	ug/m3			11/20/25 15:23	1
1,2,4-Trichlorobenzene	ND		15	7.5	ug/m3			11/20/25 15:23	1
1,2,4-Trimethylbenzene	ND		7.4	2.1	ug/m3			11/20/25 15:23	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.9	ug/m3			11/20/25 15:23	1
1,2-Dibromoethane	ND		3.8	1.4	ug/m3			11/20/25 15:23	1
1,2-Dichlorobenzene	ND		3.0	1.6	ug/m3			11/20/25 15:23	1
1,2-Dichloroethane	ND		2.0	0.78	ug/m3			11/20/25 15:23	1
1,2-Dichloropropane	ND		2.3	0.90	ug/m3			11/20/25 15:23	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			11/20/25 15:23	1
1,3-Dichlorobenzene	ND		3.0	1.7	ug/m3			11/20/25 15:23	1
1,4-Dichlorobenzene	ND		3.0	1.8	ug/m3			11/20/25 15:23	1
2-Butanone (MEK)	ND		4.4	1.8	ug/m3			11/20/25 15:23	1
2-Hexanone	ND		6.1	3.0	ug/m3			11/20/25 15:23	1
4-Ethyltoluene	ND		2.5	1.1	ug/m3			11/20/25 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.6	ug/m3			11/20/25 15:23	1
Acetone	ND		12	1.9	ug/m3			11/20/25 15:23	1
Benzene	ND		1.6	0.63	ug/m3			11/20/25 15:23	1
Benzyl chloride	ND		7.8	3.8	ug/m3			11/20/25 15:23	1
Bromodichloromethane	ND		3.4	1.2	ug/m3			11/20/25 15:23	1
Bromoform	ND		5.2	1.8	ug/m3			11/20/25 15:23	1
Bromomethane	ND		1.9	0.96	ug/m3			11/20/25 15:23	1
cis-1,2-Dichloroethene	ND		2.0	0.94	ug/m3			11/20/25 15:23	1
cis-1,3-Dichloropropene	ND		2.3	1.1	ug/m3			11/20/25 15:23	1
Carbon disulfide	ND		16	0.88	ug/m3			11/20/25 15:23	1
Carbon tetrachloride	ND		3.1	1.0	ug/m3			11/20/25 15:23	1
Chlorobenzene	ND		2.3	0.73	ug/m3			11/20/25 15:23	1
Chloroethane	ND		1.3	0.77	ug/m3			11/20/25 15:23	1
Chloroform	ND		2.4	1.1	ug/m3			11/20/25 15:23	1
Chloromethane	ND		1.0	0.62	ug/m3			11/20/25 15:23	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			11/20/25 15:23	1
Dichlorodifluoromethane	ND		2.5	1.5	ug/m3			11/20/25 15:23	1
Dichlorotetrafluoroethane	ND		14	4.0	ug/m3			11/20/25 15:23	1
Ethylbenzene	ND		2.2	0.90	ug/m3			11/20/25 15:23	1
Hexachloro-1,3-butadiene	ND		16	6.9	ug/m3			11/20/25 15:23	1
Isopropanol	ND		120	7.8	ug/m3			11/20/25 15:23	1
Methylene Chloride	ND		4.3	3.1	ug/m3			11/20/25 15:23	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	2.4	ug/m3			11/20/25 15:23	1
n-Butylbenzene	ND		8.2	3.0	ug/m3			11/20/25 15:23	1
o-Xylene	ND		2.2	0.89	ug/m3			11/20/25 15:23	1
m,p-Xylene	ND		8.7	2.4	ug/m3			11/20/25 15:23	1
sec-Butylbenzene	ND		8.2	2.3	ug/m3			11/20/25 15:23	1
Styrene	ND		6.4	2.2	ug/m3			11/20/25 15:23	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-659176/7

Matrix: Air

Analysis Batch: 659176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	0.89	ug/m3			11/20/25 15:23	1
trans-1,3-Dichloropropene	ND		4.5	1.1	ug/m3			11/20/25 15:23	1
tert-Butylbenzene	ND		8.2	2.4	ug/m3			11/20/25 15:23	1
Tetrachloroethene	ND		3.4	1.5	ug/m3			11/20/25 15:23	1
Toluene	ND		19	0.80	ug/m3			11/20/25 15:23	1
Trichloroethene	ND		2.7	1.1	ug/m3			11/20/25 15:23	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			11/20/25 15:23	1
Vinyl acetate	ND		7.0	2.2	ug/m3			11/20/25 15:23	1
Vinyl chloride	ND		1.3	0.67	ug/m3			11/20/25 15:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 132		11/20/25 15:23	1
4-Bromofluorobenzene (Surr)	98		70 - 130		11/20/25 15:23	1
Toluene-d8 (Surr)	99		70 - 130		11/20/25 15:23	1

Lab Sample ID: LCS 570-659176/4

Matrix: Air

Analysis Batch: 659176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	136	127		ug/m3		93	67 - 135
1,1,1,2-Tetrachloroethane	172	136		ug/m3		79	70 - 130
1,1,1,2-Trichloro-1,2,2-trifluoroethane	192	161		ug/m3		84	70 - 130
1,1,2-Trichloroethane	136	119		ug/m3		87	69 - 131
1,1-Dichloroethane	101	73.9		ug/m3		73	69 - 130
1,1-Dichloroethene	99.1	80.2		ug/m3		81	64 - 135
1,1-Difluoroethane	67.5	48.8		ug/m3		72	57 - 146
1,2,4-Trichlorobenzene	186	144		ug/m3		78	51 - 134
1,2,4-Trimethylbenzene	123	101		ug/m3		82	68 - 130
1,2-Dibromo-3-Chloropropane	242	197		ug/m3		82	66 - 130
1,2-Dibromoethane	192	174		ug/m3		91	70 - 130
1,2-Dichlorobenzene	150	117		ug/m3		78	68 - 130
1,2-Dichloroethane	101	96.0		ug/m3		95	65 - 136
1,2-Dichloropropane	116	96.2		ug/m3		83	68 - 132
1,3,5-Trimethylbenzene	123	101		ug/m3		82	69 - 130
1,3-Dichlorobenzene	150	120		ug/m3		80	65 - 130
1,4-Dichlorobenzene	150	122		ug/m3		81	64 - 130
2-Butanone (MEK)	73.7	52.2		ug/m3		71	66 - 143
2-Hexanone	102	82.9		ug/m3		81	64 - 139
4-Ethyltoluene	123	100		ug/m3		82	69 - 130
4-Methyl-2-pentanone (MIBK)	102	93.5		ug/m3		91	65 - 135
Acetone	59.4	42.4		ug/m3		71	70 - 130
Benzene	79.9	68.2		ug/m3		85	68 - 134
Benzyl chloride	129	119		ug/m3		92	70 - 130
Bromodichloromethane	168	160		ug/m3		95	69 - 132
Bromoform	258	241		ug/m3		93	70 - 130
Bromomethane	97.1	80.1		ug/m3		83	65 - 130
cis-1,2-Dichloroethene	99.1	83.7		ug/m3		84	70 - 130

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QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-659176/4
 Matrix: Air
 Analysis Batch: 659176

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	113	106		ug/m3		94	70 - 134
Carbon disulfide	77.9	58.4		ug/m3		75	70 - 130
Carbon tetrachloride	157	155		ug/m3		99	68 - 133
Chlorobenzene	115	99.1		ug/m3		86	70 - 130
Chloroethane	66.0	50.4		ug/m3		76	66 - 134
Chloroform	122	109		ug/m3		89	67 - 131
Chloromethane	51.6	50.0		ug/m3		97	60 - 137
Dibromochloromethane	213	198		ug/m3		93	70 - 130
Dichlorodifluoromethane	124	101		ug/m3		82	57 - 138
Dichlorotetrafluoroethane	175	141		ug/m3		81	60 - 133
Ethylbenzene	109	92.1		ug/m3		85	70 - 130
Hexachloro-1,3-butadiene	267	203		ug/m3		76	58 - 130
Isopropanol	61.5	44.0	J	ug/m3		72	64 - 133
Methylene Chloride	86.8	70.1		ug/m3		81	65 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	67.4		ug/m3		75	70 - 130
n-Butylbenzene	137	112		ug/m3		82	64 - 130
o-Xylene	109	86.1		ug/m3		79	68 - 130
m,p-Xylene	217	184		ug/m3		85	70 - 130
sec-Butylbenzene	137	113		ug/m3		83	67 - 130
Styrene	106	89.5		ug/m3		84	70 - 130
trans-1,2-Dichloroethene	99.1	77.5		ug/m3		78	70 - 130
trans-1,3-Dichloropropene	113	104		ug/m3		92	66 - 142
tert-Butylbenzene	137	114		ug/m3		83	70 - 130
Tetrachloroethene	170	145		ug/m3		86	70 - 130
Toluene	94.2	77.7		ug/m3		83	70 - 130
Trichloroethene	134	122		ug/m3		91	69 - 130
Trichlorofluoromethane	140	115		ug/m3		82	62 - 139
Vinyl acetate	88.0	64.1		ug/m3		73	64 - 139
Vinyl chloride	63.9	48.3		ug/m3		76	65 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 132
4-Bromofluorobenzene (Surr)	98		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 570-659176/5
 Matrix: Air
 Analysis Batch: 659176

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	136	131		ug/m3		96	67 - 135	3	25
1,1,1,2,2-Tetrachloroethane	172	145		ug/m3		84	70 - 130	6	25
1,1,1,2-Trichloro-1,2,2-trifluoroethane	192	166		ug/m3		87	70 - 130	3	25
1,1,2-Trichloroethane	136	122		ug/m3		89	69 - 131	2	25
1,1-Dichloroethane	101	74.9		ug/m3		74	69 - 130	1	25
1,1-Dichloroethene	99.1	82.7		ug/m3		83	64 - 135	3	25
1,1-Difluoroethane	67.5	46.6		ug/m3		69	57 - 146	5	25
1,2,4-Trichlorobenzene	186	151		ug/m3		81	51 - 134	5	25

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-659176/5

Matrix: Air

Analysis Batch: 659176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	123	104		ug/m3		85	68 - 130	3	25
1,2-Dibromo-3-Chloropropane	242	209		ug/m3		86	66 - 130	6	25
1,2-Dibromoethane	192	178		ug/m3		93	70 - 130	2	25
1,2-Dichlorobenzene	150	124		ug/m3		82	68 - 130	6	25
1,2-Dichloroethane	101	97.9		ug/m3		97	65 - 136	2	25
1,2-Dichloropropane	116	98.6		ug/m3		85	68 - 132	2	25
1,3,5-Trimethylbenzene	123	106		ug/m3		86	69 - 130	5	25
1,3-Dichlorobenzene	150	127		ug/m3		84	65 - 130	6	25
1,4-Dichlorobenzene	150	126		ug/m3		84	64 - 130	4	25
2-Butanone (MEK)	73.7	54.0		ug/m3		73	66 - 143	3	25
2-Hexanone	102	88.1		ug/m3		86	64 - 139	6	25
4-Ethyltoluene	123	104		ug/m3		85	69 - 130	4	25
4-Methyl-2-pentanone (MIBK)	102	94.9		ug/m3		93	65 - 135	2	25
Acetone	59.4	43.6		ug/m3		73	70 - 130	3	25
Benzene	79.9	71.3		ug/m3		89	68 - 134	4	25
Benzyl chloride	129	125		ug/m3		96	70 - 130	4	25
Bromodichloromethane	168	163		ug/m3		97	69 - 132	2	25
Bromoform	258	253		ug/m3		98	70 - 130	5	25
Bromomethane	97.1	83.9		ug/m3		86	65 - 130	5	25
cis-1,2-Dichloroethene	99.1	86.5		ug/m3		87	70 - 130	3	25
cis-1,3-Dichloropropene	113	109		ug/m3		96	70 - 134	2	25
Carbon disulfide	77.9	60.3		ug/m3		77	70 - 130	3	25
Carbon tetrachloride	157	160		ug/m3		102	68 - 133	3	25
Chlorobenzene	115	99.8		ug/m3		87	70 - 130	1	25
Chloroethane	66.0	50.5		ug/m3		77	66 - 134	0	25
Chloroform	122	111		ug/m3		91	67 - 131	2	25
Chloromethane	51.6	48.9		ug/m3		95	60 - 137	2	25
Dibromochloromethane	213	210		ug/m3		98	70 - 130	6	25
Dichlorodifluoromethane	124	105		ug/m3		85	57 - 138	3	25
Dichlorotetrafluoroethane	175	143		ug/m3		82	60 - 133	2	25
Ethylbenzene	109	94.8		ug/m3		87	70 - 130	3	25
Hexachloro-1,3-butadiene	267	215		ug/m3		81	58 - 130	6	25
Isopropanol	61.5	45.8	J	ug/m3		75	64 - 133	4	25
Methylene Chloride	86.8	71.9		ug/m3		83	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	90.1	70.2		ug/m3		78	70 - 130	4	25
n-Butylbenzene	137	116		ug/m3		85	64 - 130	4	25
o-Xylene	109	91.3		ug/m3		84	68 - 130	6	25
m,p-Xylene	217	194		ug/m3		89	70 - 130	5	25
sec-Butylbenzene	137	119		ug/m3		87	67 - 130	5	25
Styrene	106	98.0		ug/m3		92	70 - 130	9	25
trans-1,2-Dichloroethene	99.1	80.4		ug/m3		81	70 - 130	4	25
trans-1,3-Dichloropropene	113	107		ug/m3		94	66 - 142	3	25
tert-Butylbenzene	137	119		ug/m3		86	70 - 130	4	25
Tetrachloroethene	170	149		ug/m3		88	70 - 130	3	25
Toluene	94.2	79.8		ug/m3		85	70 - 130	3	25
Trichloroethene	134	126		ug/m3		94	69 - 130	3	25
Trichlorofluoromethane	140	120		ug/m3		85	62 - 139	4	25
Vinyl acetate	88.0	64.9		ug/m3		74	64 - 139	1	25
Vinyl chloride	63.9	49.8		ug/m3		78	65 - 130	3	25

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		66 - 132
4-Bromofluorobenzene (Surr)	101		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Lab Sample ID: MB 570-659144/3
 Matrix: Air
 Analysis Batch: 659144

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
TPH (as Gasoline)	ND		8200	4000	ug/m3			11/20/25 08:50	1

Lab Sample ID: LCS 570-659144/2
 Matrix: Air
 Analysis Batch: 659144

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Air - GC/MS VOA

Analysis Batch: 659176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37940-1	J Fed 4-INF-1125	Total/NA	Air	TO-15	
885-37940-2	J Fed 4-EFF-1125	Total/NA	Air	TO-15	
MB 570-659176/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-659176/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-659176/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 659144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37940-1 - DL	J Fed 4-INF-1125	Total/NA	Air	TO3	
885-37940-2	J Fed 4-EFF-1125	Total/NA	Air	TO3	
MB 570-659144/3	Method Blank	Total/NA	Air	TO3	
LCS 570-659144/2	Lab Control Sample	Total/NA	Air	TO3	

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Client Sample ID: J Fed 4-INF-1125

Lab Sample ID: 885-37940-1

Date Collected: 11/16/25 10:30

Matrix: Air

Date Received: 11/19/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		781.25	659176	USQD	EET CAL 4	11/20/25 17:29
Total/NA	Analysis	TO3	DL	10	659144	I9H5	EET CAL 4	11/20/25 13:06

Client Sample ID: J Fed 4-EFF-1125

Lab Sample ID: 885-37940-2

Date Collected: 11/16/25 10:35

Matrix: Air

Date Received: 11/19/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	659176	USQD	EET CAL 4	11/20/25 16:47
Total/NA	Analysis	TO3		1	659144	I9H5	EET CAL 4	11/20/25 12:13

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
 Project/Site: Johnson Federal #4

Job ID: 885-37940-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-26
Arizona	State	AZ0830	11-25-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-26
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	10-11-26

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Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque, NM 87109
 Phone (505) 345-3975

Chain of Custody Record



Client Information Client Contact: Joe Wiley Phone: (505) 249-0200 ext. 913-980-0201 E-Mail: Catherine.upton@eurofins.com Lab PM: Upton, Catherine Garnet Tracking No(s): State of Origin: NM Page 1 of 1 Job # 885-37940 COC		C-1919-0201 PWSID Due Date Requested: Standard TAT Requested (days): 10 Days Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: WC #: See ARF Project #: SSOW #:		Analysis Requested Total Number of Containers:		Preservation Codes: N - None Other:	
Company: EIPaso CGP Company Address: 1001 Louisiana Street Room 1445B City: Houston State: TX Zip: 77002 Phone: Email: joe_wiley@kindermorgan.com Project Name: Johnson Fibral - Air Site: - Air		Matrix (Water, Sewage, Soil, BT, Tissue, Air, DW, Drinking Water) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code: TO-15 VOCs TO3 TPH Field Filtered Sample (Yes or No) Patten MS/MSD (Yes or No)		Special Instructions/Note: <i>SPK</i>		Special Instructions/Note: <i>SPK</i>	
Sample Identification JFE24-ENF-1125 JFE24-GEF-1125		Air G 1030 11/16/2025		X X X X		Z Z	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: <input checked="" type="checkbox"/> I, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Adam R. Clary Date: 11/18/2025 0530 Company: Eurofins		Relinquished by: Adam R. Clary Date: 11/18/2025 1730 Company: Eurofins		Relinquished by: [Signature] Date: 11/19/25 8:15 Company: Eurofins		Relinquished by: [Signature] Date: 11/19/25 8:15 Company: Eurofins	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: N/A		Method of Shipment:	



Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 885-37940-1

Login Number: 37940

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
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.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 885-37940-1

Login Number: 37940
List Number: 2
Creator: Ferreira, Bruno

List Source: Eurofins Calscience
List Creation: 11/20/25 11:23 AM

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	Seal present with no number.
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E

25 MAR 25 11:30

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

CUSTOMER: El Paso CGP
 Canada Mesa #2, Gallegos Canyon Unit #124E, IC-27 2D072, Knight #1 /
 LOCATION: Fields A #74, Fogelson 4-1, State Gas Com N #1, Johnston Federal #4
 Johnston Federal #6A, James F. Bell, Lateral L-40
 ORDERED BY: Joe Wiley
 DELIVERED BY: Stantec TICKET#: _____

PRODUCT: (4100) 4101 4102 4105 4110 4115 _____

	BARRELS	DESCRIPTION	UNIT PRICE	AMOUNT
1	1			
2				
3				
4				
5				
6				
7				
8				
9				
10				

SUBTOTAL: _____	SUB TOTAL		
	STATE TAX		
	TOTAL		

NO. 358975

DRIVERS SIGNATURE: Sean R Cary

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

CUSTOMER: EI Paso CGP Gallegos Canyon Unit #142E,
Sandoval GC A#1A, Standard Oilcom #1

LOCATION: Canada mesa #2, Gallegos Canyon Unit #124E

ORDERED BY: Joe Wiley State Gas Com #1, Johnston Federal #4, Johnston
James F Bell #E, Lateral Federal #6
L-40

DELIVERED BY: Sean Clary (stated) **TICKET#:** _____

PRODUCT: 4100 4101 4102 4105 4110 4115 _____

	BARRELS	DESCRIPTION	UNIT PRICE	AMOUNT
1	1	Water + LNAPL		
2				
3				
4				
5				
6				
7				
8				
9				
10				

SUBTOTAL: _____ **SUB TOTAL**

STATE TAX

TOTAL

NO. 367009

DRIVERS SIGNATURE: _____

Sean R Clary

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

10 AUG '25 @ 8:22

CUSTOMER: El Paso C/P Company, LLC

LOCATION: Quinta Mesa #6, Chulicoyes Canyon Unit #124, K-27 LIX 70, Kn, #1
Fields #7A, Foyelom 4-1, Stake yard area V#1, Tumbler Field #4
Sand's Bell #10, Lohm 12-40

ORDERED BY: Joe Wiley

DELIVERED BY: Sean Clary (Starter) TICKET#: _____

PRODUCT: 4100 4101 4102 4105 4110 4115 _____

BARRELS	DESCRIPTION	UNIT PRICE	AMOUNT
1	Groundwater + LNAPL		
2			
3			
4			
5			
6			
7			
8			
9			
10			

SUBTOTAL: _____	SUB TOTAL		
	STATE TAX		
	TOTAL		

NO. 367563

DRIVERS SIGNATURE: Sean R Clary

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

18 NOV 25 11 7:57

CUSTOMER: EPCGP
CANADA MESA #2, K-27 LDOZL, KNIGHT #1, FIELD #7A

LOCATION: STATE GAS COM #1, JOHNSON FEDERAL #4, JAMES F. WILK #16 LAWRENCE
GALLAGHER CANYON #1422, SANDOVAL COM #1

ORDERED BY: Joe Wiley SANDOVAL #1A

DELIVERED BY: Sean Clary (Stantec) TICKET#:

PRODUCT: 4100 4101 4102 4105 4110 4115

BARRELS	DESCRIPTION	UNIT PRICE	AMOUNT
1	Groundwater + LNAPL		
2			
3			
4			
5			
6			
7			
8			
9			
10			
SUBTOTAL:		SUB TOTAL	
		STATE TAX	
		TOTAL	

NO. 367611

DRIVERS SIGNATURE: Sean R Clary

SAN JUAN PRINTING 1018095A

APPENDIX F



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/6/2025 1:30:16 PM

JOB DESCRIPTION

Johnston Federal #4

JOB NUMBER

400-276277-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



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
6/6/2025 1:30:16 PM

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

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Laboratory Job ID: 400-276277-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: Johnston Federal #4

Job ID: 400-276277-1

Job ID: 400-276277-1

Eurofins Pensacola

Job Narrative 400-276277-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/21/2025 8:40 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 time was 4.1°C.

GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-15 (400-276277-6) and MW-20 (400-276277-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-711101 recovered outside acceptance criteria, low biased, for 1,2-Dichloroethane-d4 (Surr). The percent recovery was within acceptance limits; therefore, the data is reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-711092 recovered above the upper control limit for 1,2-Dichloroethane-d4 (Surr) and Dibromofluoromethane. The percent recoveries were within acceptance limits; therefore, the data is reported.

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

Eurofins Pensacola



Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: TB-01

Lab Sample ID: 400-276277-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-276277-2

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

Client Sample ID: MW-6

Lab Sample ID: 400-276277-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.5		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	1.7		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	10		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 400-276277-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	47		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	2.5		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	12		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 400-276277-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 400-276277-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	460		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	31		5.0		ug/L	5		8260D	Total/NA
Toluene	29		5.0		ug/L	5		8260D	Total/NA
Xylenes, Total	250		50		ug/L	5		8260D	Total/NA

Client Sample ID: MW-16

Lab Sample ID: 400-276277-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	54		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	6.6		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	12		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 400-276277-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	270		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	61		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	230		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 400-276277-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.6		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	1.8		1.0		ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-19

Lab Sample ID: 400-276277-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.8		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-20

Lab Sample ID: 400-276277-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	190		2.0		ug/L	2		8260D	Total/NA
Ethylbenzene	8.1		2.0		ug/L	2		8260D	Total/NA
Toluene	15		2.0		ug/L	2		8260D	Total/NA
Xylenes, Total	65		20		ug/L	2		8260D	Total/NA

Client Sample ID: MW-23

Lab Sample ID: 400-276277-12

No Detections.

Client Sample ID: MW-24

Lab Sample ID: 400-276277-13

No Detections.

Client Sample ID: MW-25

Lab Sample ID: 400-276277-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

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

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Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-276277-1	TB-01	Water	05/19/25 00:00	05/21/25 08:40
400-276277-2	DUP-01	Water	05/19/25 00:00	05/21/25 08:40
400-276277-3	MW-6	Water	05/19/25 14:55	05/21/25 08:40
400-276277-4	MW-9	Water	05/19/25 15:00	05/21/25 08:40
400-276277-5	MW-13	Water	05/19/25 15:05	05/21/25 08:40
400-276277-6	MW-15	Water	05/19/25 15:15	05/21/25 08:40
400-276277-7	MW-16	Water	05/19/25 15:20	05/21/25 08:40
400-276277-8	MW-17	Water	05/19/25 15:30	05/21/25 08:40
400-276277-9	MW-18	Water	05/19/25 14:15	05/21/25 08:40
400-276277-10	MW-19	Water	05/19/25 14:25	05/21/25 08:40
400-276277-11	MW-20	Water	05/20/25 09:20	05/21/25 08:40
400-276277-12	MW-23	Water	05/19/25 15:50	05/21/25 08:40
400-276277-13	MW-24	Water	05/19/25 14:35	05/21/25 08:40
400-276277-14	MW-25	Water	05/19/25 14:50	05/21/25 08:40

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: TB-01

Lab Sample ID: 400-276277-1

Date Collected: 05/19/25 00:00

Matrix: Water

Date Received: 05/21/25 08:40

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			06/01/25 15:12	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 15:12	1
Toluene	<1.0		1.0		ug/L			06/01/25 15:12	1
Xylenes, Total	<10		10		ug/L			06/01/25 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		56 - 136		06/01/25 15:12	1
Dibromofluoromethane	101		79 - 130		06/01/25 15:12	1
Toluene-d8 (Surr)	97		64 - 132		06/01/25 15:12	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: DUP-01
Date Collected: 05/19/25 00:00
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.9		1.0		ug/L			05/30/25 16:45	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 16:45	1
Toluene	<1.0		1.0		ug/L			05/30/25 16:45	1
Xylenes, Total	<10		10		ug/L			05/30/25 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		05/30/25 16:45	1
Dibromofluoromethane	107		79 - 130		05/30/25 16:45	1
Toluene-d8 (Surr)	105		64 - 132		05/30/25 16:45	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-6

Lab Sample ID: 400-276277-3

Date Collected: 05/19/25 14:55

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.5		1.0		ug/L			05/30/25 17:10	1
Ethylbenzene	1.7		1.0		ug/L			05/30/25 17:10	1
Toluene	<1.0		1.0		ug/L			05/30/25 17:10	1
Xylenes, Total	10		10		ug/L			05/30/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136		05/30/25 17:10	1
Dibromofluoromethane	95		79 - 130		05/30/25 17:10	1
Toluene-d8 (Surr)	105		64 - 132		05/30/25 17:10	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-9

Lab Sample ID: 400-276277-4

Date Collected: 05/19/25 15:00

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	47		1.0		ug/L			06/01/25 13:07	1
Ethylbenzene	2.5		1.0		ug/L			06/01/25 13:07	1
Toluene	<1.0		1.0		ug/L			06/01/25 13:07	1
Xylenes, Total	12		10		ug/L			06/01/25 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136		06/01/25 13:07	1
Dibromofluoromethane	102		79 - 130		06/01/25 13:07	1
Toluene-d8 (Surr)	100		64 - 132		06/01/25 13:07	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-13
Date Collected: 05/19/25 15:05
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.5		1.0		ug/L			06/01/25 15:37	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 15:37	1
Toluene	<1.0		1.0		ug/L			06/01/25 15:37	1
Xylenes, Total	<10		10		ug/L			06/01/25 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		56 - 136					06/01/25 15:37	1
Dibromofluoromethane	99		79 - 130					06/01/25 15:37	1
Toluene-d8 (Surr)	98		64 - 132					06/01/25 15:37	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-15

Lab Sample ID: 400-276277-6

Date Collected: 05/19/25 15:15

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	460		5.0		ug/L			06/02/25 11:00	5
Ethylbenzene	31		5.0		ug/L			06/02/25 11:00	5
Toluene	29		5.0		ug/L			06/02/25 11:00	5
Xylenes, Total	250		50		ug/L			06/02/25 11:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136		06/02/25 11:00	5
Dibromofluoromethane	99		79 - 130		06/02/25 11:00	5
Toluene-d8 (Surr)	103		64 - 132		06/02/25 11:00	5

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-16

Lab Sample ID: 400-276277-7

Date Collected: 05/19/25 15:20

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	54		1.0		ug/L			06/02/25 10:35	1
Ethylbenzene	6.6		1.0		ug/L			06/02/25 10:35	1
Toluene	<1.0		1.0		ug/L			06/02/25 10:35	1
Xylenes, Total	12		10		ug/L			06/02/25 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		06/02/25 10:35	1
Dibromofluoromethane	103		79 - 130		06/02/25 10:35	1
Toluene-d8 (Surr)	101		64 - 132		06/02/25 10:35	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-17
Date Collected: 05/19/25 15:30
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	270		1.0		ug/L			06/01/25 16:02	1
Ethylbenzene	61		1.0		ug/L			06/01/25 16:02	1
Toluene	<1.0		1.0		ug/L			06/01/25 16:02	1
Xylenes, Total	230		10		ug/L			06/01/25 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		56 - 136					06/01/25 16:02	1
Dibromofluoromethane	99		79 - 130					06/01/25 16:02	1
Toluene-d8 (Surr)	97		64 - 132					06/01/25 16:02	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-18

Lab Sample ID: 400-276277-9

Date Collected: 05/19/25 14:15

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.6		1.0		ug/L			06/01/25 16:27	1
Ethylbenzene	1.8		1.0		ug/L			06/01/25 16:27	1
Toluene	<1.0		1.0		ug/L			06/01/25 16:27	1
Xylenes, Total	<10		10		ug/L			06/01/25 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		56 - 136		06/01/25 16:27	1
Dibromofluoromethane	99		79 - 130		06/01/25 16:27	1
Toluene-d8 (Surr)	98		64 - 132		06/01/25 16:27	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-19

Lab Sample ID: 400-276277-10

Date Collected: 05/19/25 14:25

Matrix: Water

Date Received: 05/21/25 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.8		1.0		ug/L			06/01/25 16:52	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 16:52	1
Toluene	<1.0		1.0		ug/L			06/01/25 16:52	1
Xylenes, Total	<10		10		ug/L			06/01/25 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		56 - 136		06/01/25 16:52	1
Dibromofluoromethane	98		79 - 130		06/01/25 16:52	1
Toluene-d8 (Surr)	96		64 - 132		06/01/25 16:52	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-20
Date Collected: 05/20/25 09:20
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	190		2.0		ug/L			05/30/25 18:01	2
Ethylbenzene	8.1		2.0		ug/L			05/30/25 18:01	2
Toluene	15		2.0		ug/L			05/30/25 18:01	2
Xylenes, Total	65		20		ug/L			05/30/25 18:01	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		05/30/25 18:01	2
Dibromofluoromethane	99		79 - 130		05/30/25 18:01	2
Toluene-d8 (Surr)	101		64 - 132		05/30/25 18:01	2

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-23

Lab Sample ID: 400-276277-12

Date Collected: 05/19/25 15:50

Matrix: Water

Date Received: 05/21/25 08:40

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			06/01/25 17:17	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 17:17	1
Toluene	<1.0		1.0		ug/L			06/01/25 17:17	1
Xylenes, Total	<10		10		ug/L			06/01/25 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136		06/01/25 17:17	1
Dibromofluoromethane	99		79 - 130		06/01/25 17:17	1
Toluene-d8 (Surr)	97		64 - 132		06/01/25 17:17	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-24
Date Collected: 05/19/25 14:35
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-13
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			06/01/25 17:42	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 17:42	1
Toluene	<1.0		1.0		ug/L			06/01/25 17:42	1
Xylenes, Total	<10		10		ug/L			06/01/25 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		06/01/25 17:42	1
Dibromofluoromethane	99		79 - 130		06/01/25 17:42	1
Toluene-d8 (Surr)	98		64 - 132		06/01/25 17:42	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-25

Lab Sample ID: 400-276277-14

Date Collected: 05/19/25 14:50

Matrix: Water

Date Received: 05/21/25 08:40

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			06/01/25 18:07	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 18:07	1
Toluene	<1.0		1.0		ug/L			06/01/25 18:07	1
Xylenes, Total	<10		10		ug/L			06/01/25 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		56 - 136		06/01/25 18:07	1
Dibromofluoromethane	100		79 - 130		06/01/25 18:07	1
Toluene-d8 (Surr)	98		64 - 132		06/01/25 18:07	1

Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

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 #4

Job ID: 400-276277-1

Client Sample ID: TB-01
Date Collected: 05/19/25 00:00
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-1
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	711092	06/01/25 15:12	CAR	EET PEN

Client Sample ID: DUP-01
Date Collected: 05/19/25 00:00
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-2
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	710874	05/30/25 16:45	WPD	EET PEN

Client Sample ID: MW-6
Date Collected: 05/19/25 14:55
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-3
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	710874	05/30/25 17:10	WPD	EET PEN

Client Sample ID: MW-9
Date Collected: 05/19/25 15:00
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-4
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	711092	06/01/25 13:07	CAR	EET PEN

Client Sample ID: MW-13
Date Collected: 05/19/25 15:05
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-5
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	711092	06/01/25 15:37	CAR	EET PEN

Client Sample ID: MW-15
Date Collected: 05/19/25 15:15
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-6
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		5	5 mL	5 mL	711101	06/02/25 11:00	WPD	EET PEN

Client Sample ID: MW-16
Date Collected: 05/19/25 15:20
Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-7
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	711101	06/02/25 10:35	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-17

Date Collected: 05/19/25 15:30

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-8

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	711092	06/01/25 16:02	CAR	EET PEN

Client Sample ID: MW-18

Date Collected: 05/19/25 14:15

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-9

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	711092	06/01/25 16:27	CAR	EET PEN

Client Sample ID: MW-19

Date Collected: 05/19/25 14:25

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-10

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	711092	06/01/25 16:52	CAR	EET PEN

Client Sample ID: MW-20

Date Collected: 05/20/25 09:20

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-11

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		2	5 mL	5 mL	710874	05/30/25 18:01	WPD	EET PEN

Client Sample ID: MW-23

Date Collected: 05/19/25 15:50

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-12

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	711092	06/01/25 17:17	CAR	EET PEN

Client Sample ID: MW-24

Date Collected: 05/19/25 14:35

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-13

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	711092	06/01/25 17:42	CAR	EET PEN

Client Sample ID: MW-25

Date Collected: 05/19/25 14:50

Date Received: 05/21/25 08:40

Lab Sample ID: 400-276277-14

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	711092	06/01/25 18:07	CAR	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-710874/4

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	710874	05/30/25 08:21	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711092/4

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	711092	06/01/25 12:22	CAR	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711101/4

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	711101	06/02/25 07:38	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-710874/1002

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	710874	05/30/25 07:23	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-711092/1002

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	711092	06/01/25 11:08	CAR	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-711101/1002

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	711101	06/02/25 06:35	WPD	EET PEN

Client Sample ID: MW-9

Lab Sample ID: 400-276277-4 MS

Date Collected: 05/19/25 15:00

Matrix: Water

Date Received: 05/21/25 08:40

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	711092	06/01/25 13:32	CAR	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Client Sample ID: MW-9

Lab Sample ID: 400-276277-4 MSD

Date Collected: 05/19/25 15:00

Matrix: Water

Date Received: 05/21/25 08:40

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	711092	06/01/25 13:57	CAR	EET PEN

Laboratory References:

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

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- 2
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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

GC/MS VOA

Analysis Batch: 710874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276277-2	DUP-01	Total/NA	Water	8260D	
400-276277-3	MW-6	Total/NA	Water	8260D	
400-276277-11	MW-20	Total/NA	Water	8260D	
MB 400-710874/4	Method Blank	Total/NA	Water	8260D	
LCS 400-710874/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 711092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276277-1	TB-01	Total/NA	Water	8260D	
400-276277-4	MW-9	Total/NA	Water	8260D	
400-276277-5	MW-13	Total/NA	Water	8260D	
400-276277-8	MW-17	Total/NA	Water	8260D	
400-276277-9	MW-18	Total/NA	Water	8260D	
400-276277-10	MW-19	Total/NA	Water	8260D	
400-276277-12	MW-23	Total/NA	Water	8260D	
400-276277-13	MW-24	Total/NA	Water	8260D	
400-276277-14	MW-25	Total/NA	Water	8260D	
MB 400-711092/4	Method Blank	Total/NA	Water	8260D	
LCS 400-711092/1002	Lab Control Sample	Total/NA	Water	8260D	
400-276277-4 MS	MW-9	Total/NA	Water	8260D	
400-276277-4 MSD	MW-9	Total/NA	Water	8260D	

Analysis Batch: 711101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276277-6	MW-15	Total/NA	Water	8260D	
400-276277-7	MW-16	Total/NA	Water	8260D	
MB 400-711101/4	Method Blank	Total/NA	Water	8260D	
LCS 400-711101/1002	Lab Control Sample	Total/NA	Water	8260D	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Johnston Federal #4

Job ID: 400-276277-1

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

Lab Sample ID: MB 400-710874/4
Matrix: Water
Analysis Batch: 710874

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			05/30/25 08:21	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 08:21	1
Toluene	<1.0		1.0		ug/L			05/30/25 08:21	1
Xylenes, Total	<10		10		ug/L			05/30/25 08:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		05/30/25 08:21	1
Dibromofluoromethane	102		79 - 130		05/30/25 08:21	1
Toluene-d8 (Surr)	103		64 - 132		05/30/25 08:21	1

Lab Sample ID: LCS 400-710874/1002
Matrix: Water
Analysis Batch: 710874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.2		ug/L		92	70 - 130
m-Xylene & p-Xylene	50.0	53.9		ug/L		108	70 - 130
o-Xylene	50.0	54.9		ug/L		110	70 - 130
Ethylbenzene	50.0	52.9		ug/L		106	70 - 130
Toluene	50.0	48.4		ug/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 146
4-Bromofluorobenzene	109		56 - 136
Dibromofluoromethane	92		79 - 130
Toluene-d8 (Surr)	106		64 - 132

Lab Sample ID: MB 400-711092/4
Matrix: Water
Analysis Batch: 711092

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			06/01/25 12:22	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/25 12:22	1
Toluene	<1.0		1.0		ug/L			06/01/25 12:22	1
Xylenes, Total	<10		10		ug/L			06/01/25 12:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		56 - 136		06/01/25 12:22	1
Dibromofluoromethane	102		79 - 130		06/01/25 12:22	1
Toluene-d8 (Surr)	98		64 - 132		06/01/25 12:22	1

Lab Sample ID: LCS 400-711092/1002
Matrix: Water
Analysis Batch: 711092

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	54.2		ug/L		108	70 - 130

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

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

Lab Sample ID: LCS 400-711092/1002
 Matrix: Water
 Analysis Batch: 711092

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	58.4		ug/L		117	70 - 130
o-Xylene	50.0	58.8		ug/L		118	70 - 130
Ethylbenzene	50.0	58.3		ug/L		117	70 - 130
Toluene	50.0	57.0		ug/L		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	139		59 - 146
4-Bromofluorobenzene	102		56 - 136
Dibromofluoromethane	125		79 - 130
Toluene-d8 (Surr)	102		64 - 132

Lab Sample ID: 400-276277-4 MS
 Matrix: Water
 Analysis Batch: 711092

Client Sample ID: MW-9
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	47		50.0	101		ug/L		108	56 - 142
m-Xylene & p-Xylene	11		50.0	65.3		ug/L		108	57 - 130
o-Xylene	<5.0		50.0	54.9		ug/L		110	61 - 130
Ethylbenzene	2.5		50.0	56.8		ug/L		108	58 - 131
Toluene	<1.0		50.0	52.6		ug/L		105	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		59 - 146
4-Bromofluorobenzene	105		56 - 136
Dibromofluoromethane	101		79 - 130
Toluene-d8 (Surr)	96		64 - 132

Lab Sample ID: 400-276277-4 MSD
 Matrix: Water
 Analysis Batch: 711092

Client Sample ID: MW-9
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	47		50.0	99.9		ug/L		106	56 - 142	1	30
m-Xylene & p-Xylene	11		50.0	67.9		ug/L		113	57 - 130	4	30
o-Xylene	<5.0		50.0	57.8		ug/L		116	61 - 130	5	30
Ethylbenzene	2.5		50.0	59.5		ug/L		114	58 - 131	5	30
Toluene	<1.0		50.0	55.4		ug/L		111	65 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		59 - 146
4-Bromofluorobenzene	109		56 - 136
Dibromofluoromethane	100		79 - 130
Toluene-d8 (Surr)	98		64 - 132

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

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

Lab Sample ID: MB 400-711101/4
 Matrix: Water
 Analysis Batch: 711101

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			06/02/25 07:38	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/25 07:38	1
Toluene	<1.0		1.0		ug/L			06/02/25 07:38	1
Xylenes, Total	<10		10		ug/L			06/02/25 07:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		06/02/25 07:38	1
Dibromofluoromethane	105		79 - 130		06/02/25 07:38	1
Toluene-d8 (Surr)	101		64 - 132		06/02/25 07:38	1

Lab Sample ID: LCS 400-711101/1002
 Matrix: Water
 Analysis Batch: 711101

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.7		ug/L		93	70 - 130
m-Xylene & p-Xylene	50.0	54.2		ug/L		108	70 - 130
o-Xylene	50.0	55.6		ug/L		111	70 - 130
Ethylbenzene	50.0	53.8		ug/L		108	70 - 130
Toluene	50.0	50.8		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	77		59 - 146
4-Bromofluorobenzene	112		56 - 136
Dibromofluoromethane	82		79 - 130
Toluene-d8 (Surr)	106		64 - 132

Chain of Custody Record 465190

Environment Testing
TestAmerica



Address: _____

Regulatory Program: DW NPDES RCRA Other:

TAL-8210

Client Contact
 Company Name: El Paso Energy Corporation
 Address: 1061 Louisiana Street, Room 51905B
 City/State/Zip: Houston, TX 77002
 Phone: 713-420-3475
 Fax: _____
 Project Name: Johnston Federal #4
 Site: _____
 PO # See ACF

Project Manager: Steve Vessy
 Tell/Email: Steve Vessy, Steve.Vessy@test.com

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below: _____
 2 weeks
 1 week
 2 days
 1 day

Site Contact: Sean Clary
Lab Contact: Cheyenne W
 Date: 5-19-2025
 Carrier: FedEx
 COC No: _____ of 2 COCs

Sampler: Sean Clary
For Lab Use Only:
 Walk-in Client: _____
 Lab Sampling: _____
 Job / SDG No.: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)
TB-01	5/19/2025	-----	G	H ₂ O	2	N	N
DUP-01	5/19/2025	-----	G	H ₂ O	2	N	N
MW-6	5/19/2025	1455	G	H ₂ O	2	N	N
MW-9	5/19/2025	1500	G	H ₂ O	2	N	N
MW-13	5/19/2025	1505	G	H ₂ O	2	N	N
MW-15	5/19/2025	1515	G	H ₂ O	2	N	N
MW-16	5/19/2025	1520	G	H ₂ O	2	N	N
MW-17	5/19/2025	1530	G	H ₂ O	2	N	N
MW-18	5/19/2025	1415	G	H ₂ O	2	N	N
MW-19	5/19/2025	1425	G	H ₂ O	2	N	N
MW-20	5/20/2025	0920	G	H ₂ O	2	N	N
MW-23	5/19/2025	1550	G	H ₂ O	2	N	N



Sample Specific Notes:
Modified 5/29/2025
Sean R Clary

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

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Return to Client Disposal by Lab Archive for _____ Months

Custody Seals Intact: Yes No

Relinquished by: Sean R Clary
 Date/Time: 5/20/2025 1600

Relinquished by: _____
 Date/Time: _____

Relinquished by: _____
 Date/Time: _____

Received by: _____
 Date/Time: _____

Received by: _____
 Date/Time: _____

Received in Laboratory by: _____
 Date/Time: _____

Therm ID No.: _____
Corr'd: _____

Company: STW
Company: _____
Company: _____

4.10.2025



Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-276277-1

Login Number: 276277

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.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1°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.	False	COC has MW-24 listed twice, but label has MW-25.
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.
 Project/Site: Johnston Federal #4

Job ID: 400-276277-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
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	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-26
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	525-23-9-22801	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-26

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Johnston Federal #4

JOB NUMBER

400-286040-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



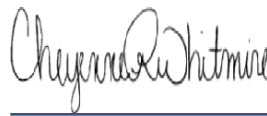
Eurofins Pensacola

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



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

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Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Laboratory Job ID: 400-286040-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project: Johnston Federal #4

Job ID: 400-286040-1

Job ID: 400-286040-1

Eurofins Pensacola

Job Narrative 400-286040-1

Receipt

The samples were received on 11/18/2025 9:26 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 4.4° C.

GC/MS VOA

Method 8260D: The following sample was diluted due to the abundance of non-target analytes: MW-11 (400-286040-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-286040-2), DUP-02 (400-286040-3), MW-1 (400-286040-4) and MW-22 (400-286040-21). Elevated reporting limits (RLs) are provided.

Method 8260D: Sample DUP-01 (400-286040-2) is suspected to be a duplicate of sample MW-22 (400-286040-21), but the results did not agree. Reanalysis was performed with concurring results for both samples. Additionally, reanalysis was performed outside of holding time from another container for sample MW-22 (400-286040-21) and the results were in agreement with DUP-01 (400-286040-2). Therefore, both sets of data are reported for MW-22 (400-286040-21).

Method 8260D: Reanalysis of the following sample was performed outside of the analytical holding time due to the original results not being in agreement with its suspected duplicate: MW-22 (400-286040-21).

Method 8260D: The matrix spike (MS) recoveries for analytical batch 400-732415 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Pensacola



Detection Summary

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: TB-01

Lab Sample ID: 400-286040-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-286040-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	110		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	47		5.0		ug/L	5		8260D	Total/NA
Xylenes, Total	330		50		ug/L	5		8260D	Total/NA

Client Sample ID: DUP-02

Lab Sample ID: 400-286040-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	750		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	99		5.0		ug/L	5		8260D	Total/NA
Toluene	22		5.0		ug/L	5		8260D	Total/NA
Xylenes, Total	580		50		ug/L	5		8260D	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 400-286040-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	640		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	83		5.0		ug/L	5		8260D	Total/NA
Toluene	18		5.0		ug/L	5		8260D	Total/NA
Xylenes, Total	470		50		ug/L	5		8260D	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 400-286040-5

No Detections.

Client Sample ID: MW-3

Lab Sample ID: 400-286040-6

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-286040-7

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-286040-8

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-286040-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	22		1.0		ug/L	1		8260D	Total/NA
Toluene	15		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 400-286040-10

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

Client Sample ID: MW-11

Lab Sample ID: 400-286040-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	13		2.0		ug/L	2		8260D	Total/NA
Toluene	5.1		2.0		ug/L	2		8260D	Total/NA
Xylenes, Total	25		20		ug/L	2		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-12 **Lab Sample ID: 400-286040-12**

No Detections.

Client Sample ID: MW-13 **Lab Sample ID: 400-286040-13**

No Detections.

Client Sample ID: MW-14 **Lab Sample ID: 400-286040-14**

No Detections.

Client Sample ID: MW-15 **Lab Sample ID: 400-286040-15**

No Detections.

Client Sample ID: MW-16 **Lab Sample ID: 400-286040-16**

No Detections.

Client Sample ID: MW-17 **Lab Sample ID: 400-286040-17**

No Detections.

Client Sample ID: MW-18 **Lab Sample ID: 400-286040-18**

No Detections.

Client Sample ID: MW-19 **Lab Sample ID: 400-286040-19**

No Detections.

Client Sample ID: MW-20 **Lab Sample ID: 400-286040-20**

No Detections.

Client Sample ID: MW-22 **Lab Sample ID: 400-286040-21**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	200		5.0		ug/L	5		8260D	Total/NA
Benzene	110	H	5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	95		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	40	H	5.0		ug/L	5		8260D	Total/NA
Xylenes, Total	670		50		ug/L	5		8260D	Total/NA
Xylenes, Total	280	H	50		ug/L	5		8260D	Total/NA

Client Sample ID: MW-23 **Lab Sample ID: 400-286040-22**

No Detections.

Client Sample ID: MW-24 **Lab Sample ID: 400-286040-23**

No Detections.

Client Sample ID: MW-25 **Lab Sample ID: 400-286040-24**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

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

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Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-286040-1	TB-01	Water	11/16/25 12:56	11/18/25 09:26	New Mexico
400-286040-2	DUP-01	Water	11/16/25 01:00	11/18/25 09:26	New Mexico
400-286040-3	DUP-02	Water	11/16/25 02:00	11/18/25 09:26	New Mexico
400-286040-4	MW-1	Water	11/16/25 13:51	11/18/25 09:26	New Mexico
400-286040-5	MW-2	Water	11/16/25 14:03	11/18/25 09:26	New Mexico
400-286040-6	MW-3	Water	11/16/25 14:09	11/18/25 09:26	New Mexico
400-286040-7	MW-4	Water	11/16/25 14:15	11/18/25 09:26	New Mexico
400-286040-8	MW-6	Water	11/16/25 14:23	11/18/25 09:26	New Mexico
400-286040-9	MW-9	Water	11/16/25 13:05	11/18/25 09:26	New Mexico
400-286040-10	MW-10	Water	11/16/25 14:29	11/18/25 09:26	New Mexico
400-286040-11	MW-11	Water	11/16/25 14:35	11/18/25 09:26	New Mexico
400-286040-12	MW-12	Water	11/16/25 14:34	11/18/25 09:26	New Mexico
400-286040-13	MW-13	Water	11/16/25 14:30	11/18/25 09:26	New Mexico
400-286040-14	MW-14	Water	11/16/25 14:20	11/18/25 09:26	New Mexico
400-286040-15	MW-15	Water	11/16/25 14:14	11/18/25 09:26	New Mexico
400-286040-16	MW-16	Water	11/16/25 14:06	11/18/25 09:26	New Mexico
400-286040-17	MW-17	Water	11/16/25 14:00	11/18/25 09:26	New Mexico
400-286040-18	MW-18	Water	11/16/25 13:12	11/18/25 09:26	New Mexico
400-286040-19	MW-19	Water	11/16/25 13:00	11/18/25 09:26	New Mexico
400-286040-20	MW-20	Water	11/16/25 13:54	11/18/25 09:26	New Mexico
400-286040-21	MW-22	Water	11/16/25 13:50	11/18/25 09:26	New Mexico
400-286040-22	MW-23	Water	11/16/25 13:20	11/18/25 09:26	New Mexico
400-286040-23	MW-24	Water	11/16/25 13:30	11/18/25 09:26	New Mexico
400-286040-24	MW-25	Water	11/16/25 13:36	11/18/25 09:26	New Mexico

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: TB-01

Lab Sample ID: 400-286040-1

Date Collected: 11/16/25 12:56

Matrix: Water

Date Received: 11/18/25 09:26

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			11/26/25 13:55	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 13:55	1
Toluene	<1.0		1.0		ug/L			11/26/25 13:55	1
Xylenes, Total	<10		10		ug/L			11/26/25 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/26/25 13:55	1
Dibromofluoromethane	97		79 - 130		11/26/25 13:55	1
Toluene-d8 (Surr)	95		64 - 132		11/26/25 13:55	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: DUP-01
Date Collected: 11/16/25 01:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	110		5.0		ug/L			11/26/25 11:38	5
Ethylbenzene	47		5.0		ug/L			11/26/25 11:38	5
Toluene	<5.0		5.0		ug/L			11/26/25 11:38	5
Xylenes, Total	330		50		ug/L			11/26/25 11:38	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136					11/26/25 11:38	5
Dibromofluoromethane	96		79 - 130					11/26/25 11:38	5
Toluene-d8 (Surr)	96		64 - 132					11/26/25 11:38	5

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: DUP-02
Date Collected: 11/16/25 02:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	750		5.0		ug/L			11/25/25 13:45	5
Ethylbenzene	99		5.0		ug/L			11/25/25 13:45	5
Toluene	22		5.0		ug/L			11/25/25 13:45	5
Xylenes, Total	580		50		ug/L			11/25/25 13:45	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/25/25 13:45	5
Dibromofluoromethane	85		79 - 130		11/25/25 13:45	5
Toluene-d8 (Surr)	99		64 - 132		11/25/25 13:45	5

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-1

Lab Sample ID: 400-286040-4

Date Collected: 11/16/25 13:51

Matrix: Water

Date Received: 11/18/25 09:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	640		5.0		ug/L			11/26/25 12:00	5
Ethylbenzene	83		5.0		ug/L			11/26/25 12:00	5
Toluene	18		5.0		ug/L			11/26/25 12:00	5
Xylenes, Total	470		50		ug/L			11/26/25 12:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/26/25 12:00	5
Dibromofluoromethane	87		79 - 130		11/26/25 12:00	5
Toluene-d8 (Surr)	100		64 - 132		11/26/25 12:00	5

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-2

Lab Sample ID: 400-286040-5

Date Collected: 11/16/25 14:03

Matrix: Water

Date Received: 11/18/25 09:26

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			11/25/25 16:33	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 16:33	1
Toluene	<1.0		1.0		ug/L			11/25/25 16:33	1
Xylenes, Total	<10		10		ug/L			11/25/25 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/25/25 16:33	1
Dibromofluoromethane	96		79 - 130		11/25/25 16:33	1
Toluene-d8 (Surr)	96		64 - 132		11/25/25 16:33	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-3

Lab Sample ID: 400-286040-6

Date Collected: 11/16/25 14:09

Matrix: Water

Date Received: 11/18/25 09:26

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			11/25/25 16:56	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 16:56	1
Toluene	<1.0		1.0		ug/L			11/25/25 16:56	1
Xylenes, Total	<10		10		ug/L			11/25/25 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136		11/25/25 16:56	1
Dibromofluoromethane	96		79 - 130		11/25/25 16:56	1
Toluene-d8 (Surr)	96		64 - 132		11/25/25 16:56	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-4

Lab Sample ID: 400-286040-7

Date Collected: 11/16/25 14:15

Matrix: Water

Date Received: 11/18/25 09:26

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			11/26/25 10:29	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 10:29	1
Toluene	<1.0		1.0		ug/L			11/26/25 10:29	1
Xylenes, Total	<10		10		ug/L			11/26/25 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		56 - 136		11/26/25 10:29	1
Dibromofluoromethane	96		79 - 130		11/26/25 10:29	1
Toluene-d8 (Surr)	92		64 - 132		11/26/25 10:29	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-6

Lab Sample ID: 400-286040-8

Date Collected: 11/16/25 14:23

Matrix: Water

Date Received: 11/18/25 09:26

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			11/25/25 19:35	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 19:35	1
Toluene	<1.0		1.0		ug/L			11/25/25 19:35	1
Xylenes, Total	<10		10		ug/L			11/25/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		56 - 136		11/25/25 19:35	1
Dibromofluoromethane	92		79 - 130		11/25/25 19:35	1
Toluene-d8 (Surr)	96		64 - 132		11/25/25 19:35	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-9

Lab Sample ID: 400-286040-9

Date Collected: 11/16/25 13:05

Matrix: Water

Date Received: 11/18/25 09:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22		1.0		ug/L			11/25/25 19:58	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 19:58	1
Toluene	15		1.0		ug/L			11/25/25 19:58	1
Xylenes, Total	<10		10		ug/L			11/25/25 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/25/25 19:58	1
Dibromofluoromethane	95		79 - 130		11/25/25 19:58	1
Toluene-d8 (Surr)	94		64 - 132		11/25/25 19:58	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-10
Date Collected: 11/16/25 14:29
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.9		1.0		ug/L			11/25/25 20:21	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 20:21	1
Toluene	<1.0		1.0		ug/L			11/25/25 20:21	1
Xylenes, Total	<10		10		ug/L			11/25/25 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136					11/25/25 20:21	1
Dibromofluoromethane	97		79 - 130					11/25/25 20:21	1
Toluene-d8 (Surr)	96		64 - 132					11/25/25 20:21	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-11
Date Collected: 11/16/25 14:35
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<2.0		2.0		ug/L			11/25/25 23:24	2
Ethylbenzene	13		2.0		ug/L			11/25/25 23:24	2
Toluene	5.1		2.0		ug/L			11/25/25 23:24	2
Xylenes, Total	25		20		ug/L			11/25/25 23:24	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136					11/25/25 23:24	2
Dibromofluoromethane	87		79 - 130					11/25/25 23:24	2
Toluene-d8 (Surr)	99		64 - 132					11/25/25 23:24	2

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-12
Date Collected: 11/16/25 14:34
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-12
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			11/25/25 20:44	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 20:44	1
Toluene	<1.0		1.0		ug/L			11/25/25 20:44	1
Xylenes, Total	<10		10		ug/L			11/25/25 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/25/25 20:44	1
Dibromofluoromethane	98		79 - 130		11/25/25 20:44	1
Toluene-d8 (Surr)	94		64 - 132		11/25/25 20:44	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-13
Date Collected: 11/16/25 14:30
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-13
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			11/25/25 21:07	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 21:07	1
Toluene	<1.0		1.0		ug/L			11/25/25 21:07	1
Xylenes, Total	<10		10		ug/L			11/25/25 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/25/25 21:07	1
Dibromofluoromethane	98		79 - 130		11/25/25 21:07	1
Toluene-d8 (Surr)	96		64 - 132		11/25/25 21:07	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-14
Date Collected: 11/16/25 14:20
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-14
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			11/25/25 21:30	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 21:30	1
Toluene	<1.0		1.0		ug/L			11/25/25 21:30	1
Xylenes, Total	<10		10		ug/L			11/25/25 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/25/25 21:30	1
Dibromofluoromethane	97		79 - 130		11/25/25 21:30	1
Toluene-d8 (Surr)	94		64 - 132		11/25/25 21:30	1

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Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-15
Date Collected: 11/16/25 14:14
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-15
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			11/26/25 10:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 10:52	1
Toluene	<1.0		1.0		ug/L			11/26/25 10:52	1
Xylenes, Total	<10		10		ug/L			11/26/25 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/26/25 10:52	1
Dibromofluoromethane	96		79 - 130		11/26/25 10:52	1
Toluene-d8 (Surr)	95		64 - 132		11/26/25 10:52	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-16
Date Collected: 11/16/25 14:06
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-16
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			11/25/25 21:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 21:52	1
Toluene	<1.0		1.0		ug/L			11/25/25 21:52	1
Xylenes, Total	<10		10		ug/L			11/25/25 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/25/25 21:52	1
Dibromofluoromethane	98		79 - 130		11/25/25 21:52	1
Toluene-d8 (Surr)	95		64 - 132		11/25/25 21:52	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-17
Date Collected: 11/16/25 14:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-17
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			11/25/25 22:15	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 22:15	1
Toluene	<1.0		1.0		ug/L			11/25/25 22:15	1
Xylenes, Total	<10		10		ug/L			11/25/25 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/25/25 22:15	1
Dibromofluoromethane	99		79 - 130		11/25/25 22:15	1
Toluene-d8 (Surr)	95		64 - 132		11/25/25 22:15	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-18
Date Collected: 11/16/25 13:12
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-18
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			11/25/25 22:38	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 22:38	1
Toluene	<1.0		1.0		ug/L			11/25/25 22:38	1
Xylenes, Total	<10		10		ug/L			11/25/25 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/25/25 22:38	1
Dibromofluoromethane	102		79 - 130		11/25/25 22:38	1
Toluene-d8 (Surr)	95		64 - 132		11/25/25 22:38	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-19
Date Collected: 11/16/25 13:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-19
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			11/25/25 23:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 23:01	1
Toluene	<1.0		1.0		ug/L			11/25/25 23:01	1
Xylenes, Total	<10		10		ug/L			11/25/25 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		11/25/25 23:01	1
Dibromofluoromethane	101		79 - 130		11/25/25 23:01	1
Toluene-d8 (Surr)	94		64 - 132		11/25/25 23:01	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-20

Lab Sample ID: 400-286040-20

Date Collected: 11/16/25 13:54

Matrix: Water

Date Received: 11/18/25 09:26

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			11/26/25 11:15	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 11:15	1
Toluene	<1.0		1.0		ug/L			11/26/25 11:15	1
Xylenes, Total	<10		10		ug/L			11/26/25 11:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		11/26/25 11:15	1
Dibromofluoromethane	98		79 - 130		11/26/25 11:15	1
Toluene-d8 (Surr)	96		64 - 132		11/26/25 11:15	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-22

Lab Sample ID: 400-286040-21

Date Collected: 11/16/25 13:50

Matrix: Water

Date Received: 11/18/25 09:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	200		5.0		ug/L			11/26/25 12:23	5
Benzene	110	H	5.0		ug/L			12/03/25 17:38	5
Ethylbenzene	95		5.0		ug/L			11/26/25 12:23	5
Ethylbenzene	40	H	5.0		ug/L			12/03/25 17:38	5
Toluene	<5.0		5.0		ug/L			11/26/25 12:23	5
Toluene	<5.0	H	5.0		ug/L			12/03/25 17:38	5
Xylenes, Total	670		50		ug/L			11/26/25 12:23	5
Xylenes, Total	280	H	50		ug/L			12/03/25 17:38	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/26/25 12:23	5
4-Bromofluorobenzene	105		56 - 136		12/03/25 17:38	5
Dibromofluoromethane	93		79 - 130		11/26/25 12:23	5
Dibromofluoromethane	94		79 - 130		12/03/25 17:38	5
Toluene-d8 (Surr)	95		64 - 132		11/26/25 12:23	5
Toluene-d8 (Surr)	96		64 - 132		12/03/25 17:38	5

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-23

Lab Sample ID: 400-286040-22

Date Collected: 11/16/25 13:20

Matrix: Water

Date Received: 11/18/25 09:26

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			11/26/25 09:21	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 09:21	1
Toluene	<1.0		1.0		ug/L			11/26/25 09:21	1
Xylenes, Total	<10		10		ug/L			11/26/25 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		11/26/25 09:21	1
Dibromofluoromethane	98		79 - 130		11/26/25 09:21	1
Toluene-d8 (Surr)	96		64 - 132		11/26/25 09:21	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-24
Date Collected: 11/16/25 13:30
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-23
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			11/26/25 09:43	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 09:43	1
Toluene	<1.0		1.0		ug/L			11/26/25 09:43	1
Xylenes, Total	<10		10		ug/L			11/26/25 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/26/25 09:43	1
Dibromofluoromethane	98		79 - 130		11/26/25 09:43	1
Toluene-d8 (Surr)	94		64 - 132		11/26/25 09:43	1

Client Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-25

Lab Sample ID: 400-286040-24

Date Collected: 11/16/25 13:36

Matrix: Water

Date Received: 11/18/25 09:26

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			11/26/25 10:06	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 10:06	1
Toluene	<1.0		1.0		ug/L			11/26/25 10:06	1
Xylenes, Total	<10		10		ug/L			11/26/25 10:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/26/25 10:06	1
Dibromofluoromethane	99		79 - 130		11/26/25 10:06	1
Toluene-d8 (Surr)	95		64 - 132		11/26/25 10:06	1

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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 #4

Job ID: 400-286040-1

Client Sample ID: TB-01

Lab Sample ID: 400-286040-1

Date Collected: 11/16/25 12:56

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 13:55	WPD	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-286040-2

Date Collected: 11/16/25 01:00

Matrix: Water

Date Received: 11/18/25 09:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	731875	11/26/25 11:38	WPD	EET PEN

Client Sample ID: DUP-02

Lab Sample ID: 400-286040-3

Date Collected: 11/16/25 02:00

Matrix: Water

Date Received: 11/18/25 09:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	731684	11/25/25 13:45	WPD	EET PEN

Client Sample ID: MW-1

Lab Sample ID: 400-286040-4

Date Collected: 11/16/25 13:51

Matrix: Water

Date Received: 11/18/25 09:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	731875	11/26/25 12:00	WPD	EET PEN

Client Sample ID: MW-2

Lab Sample ID: 400-286040-5

Date Collected: 11/16/25 14:03

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 16:33	WPD	EET PEN

Client Sample ID: MW-3

Lab Sample ID: 400-286040-6

Date Collected: 11/16/25 14:09

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 16:56	WPD	EET PEN

Client Sample ID: MW-4

Lab Sample ID: 400-286040-7

Date Collected: 11/16/25 14:15

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 10:29	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-6

Lab Sample ID: 400-286040-8

Date Collected: 11/16/25 14:23

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 19:35	WPD	EET PEN

Client Sample ID: MW-9

Lab Sample ID: 400-286040-9

Date Collected: 11/16/25 13:05

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 19:58	WPD	EET PEN

Client Sample ID: MW-10

Lab Sample ID: 400-286040-10

Date Collected: 11/16/25 14:29

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 20:21	WPD	EET PEN

Client Sample ID: MW-11

Lab Sample ID: 400-286040-11

Date Collected: 11/16/25 14:35

Matrix: Water

Date Received: 11/18/25 09:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		2	5 mL	5 mL	731779	11/25/25 23:24	WPD	EET PEN

Client Sample ID: MW-12

Lab Sample ID: 400-286040-12

Date Collected: 11/16/25 14:34

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 20:44	WPD	EET PEN

Client Sample ID: MW-13

Lab Sample ID: 400-286040-13

Date Collected: 11/16/25 14:30

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 21:07	WPD	EET PEN

Client Sample ID: MW-14

Lab Sample ID: 400-286040-14

Date Collected: 11/16/25 14:20

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 21:30	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-15

Lab Sample ID: 400-286040-15

Date Collected: 11/16/25 14:14

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 10:52	WPD	EET PEN

Client Sample ID: MW-16

Lab Sample ID: 400-286040-16

Date Collected: 11/16/25 14:06

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 21:52	WPD	EET PEN

Client Sample ID: MW-17

Lab Sample ID: 400-286040-17

Date Collected: 11/16/25 14:00

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 22:15	WPD	EET PEN

Client Sample ID: MW-18

Lab Sample ID: 400-286040-18

Date Collected: 11/16/25 13:12

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 22:38	WPD	EET PEN

Client Sample ID: MW-19

Lab Sample ID: 400-286040-19

Date Collected: 11/16/25 13:00

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 23:01	WPD	EET PEN

Client Sample ID: MW-20

Lab Sample ID: 400-286040-20

Date Collected: 11/16/25 13:54

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 11:15	WPD	EET PEN

Client Sample ID: MW-22

Lab Sample ID: 400-286040-21

Date Collected: 11/16/25 13:50

Matrix: Water

Date Received: 11/18/25 09:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	731875	11/26/25 12:23	WPD	EET PEN
Total/NA	Analysis	8260D		5	5 mL	5 mL	732415	12/03/25 17:38	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-23
Date Collected: 11/16/25 13:20
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-22
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	731875	11/26/25 09:21	WPD	EET PEN

Client Sample ID: MW-24
Date Collected: 11/16/25 13:30
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-23
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	731875	11/26/25 09:43	WPD	EET PEN

Client Sample ID: MW-25
Date Collected: 11/16/25 13:36
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286040-24
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	731875	11/26/25 10:06	WPD	EET PEN

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

Lab Sample ID: MB 400-731684/4
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	731684	11/25/25 08:02	WPD	EET PEN

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

Lab Sample ID: MB 400-731779/4
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	731779	11/25/25 15:47	WPD	EET PEN

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

Lab Sample ID: MB 400-731875/5
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	731875	11/26/25 08:12	WPD	EET PEN

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

Lab Sample ID: MB 400-732415/5
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	732415	12/03/25 08:07	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-731684/1002

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	731684	11/25/25 07:06	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-731779/1002

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	731779	11/25/25 14:53	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-731875/1002

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	731875	11/26/25 07:04	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-732415/1002

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	732415	12/03/25 06:58	WPD	EET PEN

Client Sample ID: MW-2

Lab Sample ID: 400-286040-5 MS

Date Collected: 11/16/25 14:03

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 18:04	WPD	EET PEN

Client Sample ID: MW-2

Lab Sample ID: 400-286040-5 MSD

Date Collected: 11/16/25 14:03

Matrix: Water

Date Received: 11/18/25 09:26

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	731779	11/25/25 18:27	WPD	EET PEN

Client Sample ID: MW-23

Lab Sample ID: 400-286040-22 MS

Date Collected: 11/16/25 13:20

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 12:46	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Client Sample ID: MW-23

Lab Sample ID: 400-286040-22 MSD

Date Collected: 11/16/25 13:20

Matrix: Water

Date Received: 11/18/25 09:26

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	731875	11/26/25 13:09	WPD	EET PEN

Laboratory References:

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

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Johnston Federal #4

Job ID: 400-286040-1

GC/MS VOA

Analysis Batch: 731684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286040-3	DUP-02	Total/NA	Water	8260D	
MB 400-731684/4	Method Blank	Total/NA	Water	8260D	
LCS 400-731684/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 731779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286040-5	MW-2	Total/NA	Water	8260D	
400-286040-6	MW-3	Total/NA	Water	8260D	
400-286040-8	MW-6	Total/NA	Water	8260D	
400-286040-9	MW-9	Total/NA	Water	8260D	
400-286040-10	MW-10	Total/NA	Water	8260D	
400-286040-11	MW-11	Total/NA	Water	8260D	
400-286040-12	MW-12	Total/NA	Water	8260D	
400-286040-13	MW-13	Total/NA	Water	8260D	
400-286040-14	MW-14	Total/NA	Water	8260D	
400-286040-16	MW-16	Total/NA	Water	8260D	
400-286040-17	MW-17	Total/NA	Water	8260D	
400-286040-18	MW-18	Total/NA	Water	8260D	
400-286040-19	MW-19	Total/NA	Water	8260D	
MB 400-731779/4	Method Blank	Total/NA	Water	8260D	
LCS 400-731779/1002	Lab Control Sample	Total/NA	Water	8260D	
400-286040-5 MS	MW-2	Total/NA	Water	8260D	
400-286040-5 MSD	MW-2	Total/NA	Water	8260D	

Analysis Batch: 731875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286040-1	TB-01	Total/NA	Water	8260D	
400-286040-2	DUP-01	Total/NA	Water	8260D	
400-286040-4	MW-1	Total/NA	Water	8260D	
400-286040-7	MW-4	Total/NA	Water	8260D	
400-286040-15	MW-15	Total/NA	Water	8260D	
400-286040-20	MW-20	Total/NA	Water	8260D	
400-286040-21	MW-22	Total/NA	Water	8260D	
400-286040-22	MW-23	Total/NA	Water	8260D	
400-286040-23	MW-24	Total/NA	Water	8260D	
400-286040-24	MW-25	Total/NA	Water	8260D	
MB 400-731875/5	Method Blank	Total/NA	Water	8260D	
LCS 400-731875/1002	Lab Control Sample	Total/NA	Water	8260D	
400-286040-22 MS	MW-23	Total/NA	Water	8260D	
400-286040-22 MSD	MW-23	Total/NA	Water	8260D	

Analysis Batch: 732415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286040-21	MW-22	Total/NA	Water	8260D	
MB 400-732415/5	Method Blank	Total/NA	Water	8260D	
LCS 400-732415/1002	Lab Control Sample	Total/NA	Water	8260D	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

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

Lab Sample ID: MB 400-731684/4
Matrix: Water
Analysis Batch: 731684

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			11/25/25 08:02	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 08:02	1
Toluene	<1.0		1.0		ug/L			11/25/25 08:02	1
Xylenes, Total	<10		10		ug/L			11/25/25 08:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/25/25 08:02	1
Dibromofluoromethane	97		79 - 130		11/25/25 08:02	1
Toluene-d8 (Surr)	97		64 - 132		11/25/25 08:02	1

Lab Sample ID: LCS 400-731684/1002
Matrix: Water
Analysis Batch: 731684

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	51.2		ug/L		102	70 - 130
m-Xylene & p-Xylene	50.0	46.7		ug/L		93	70 - 130
o-Xylene	50.0	48.2		ug/L		96	70 - 130
Ethylbenzene	50.0	49.6		ug/L		99	70 - 130
Toluene	50.0	50.5		ug/L		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		56 - 136
Dibromofluoromethane	86		79 - 130
Toluene-d8 (Surr)	101		64 - 132

Lab Sample ID: MB 400-731779/4
Matrix: Water
Analysis Batch: 731779

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			11/25/25 15:47	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/25 15:47	1
Toluene	<1.0		1.0		ug/L			11/25/25 15:47	1
Xylenes, Total	<10		10		ug/L			11/25/25 15:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/25/25 15:47	1
Dibromofluoromethane	96		79 - 130		11/25/25 15:47	1
Toluene-d8 (Surr)	95		64 - 132		11/25/25 15:47	1

Lab Sample ID: LCS 400-731779/1002
Matrix: Water
Analysis Batch: 731779

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	48.3		ug/L		97	70 - 130
m-Xylene & p-Xylene	50.0	41.8		ug/L		84	70 - 130

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

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

Lab Sample ID: LCS 400-731779/1002
 Matrix: Water
 Analysis Batch: 731779

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	50.0	43.2		ug/L		86	70 - 130
Ethylbenzene	50.0	44.5		ug/L		89	70 - 130
Toluene	50.0	46.0		ug/L		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	108		56 - 136
Dibromofluoromethane	87		79 - 130
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: 400-286040-5 MS
 Matrix: Water
 Analysis Batch: 731779

Client Sample ID: MW-2
 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	37.5		ug/L		75	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	29.1		ug/L		58	57 - 130
o-Xylene	<5.0		50.0	30.6		ug/L		61	61 - 130
Ethylbenzene	<1.0		50.0	31.1		ug/L		62	58 - 131
Toluene	<1.0		50.0	34.3		ug/L		69	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	108		56 - 136
Dibromofluoromethane	88		79 - 130
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: 400-286040-5 MSD
 Matrix: Water
 Analysis Batch: 731779

Client Sample ID: MW-2
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	44.2		ug/L		88	56 - 142	16	30
m-Xylene & p-Xylene	<5.0		50.0	37.5		ug/L		75	57 - 130	25	30
o-Xylene	<5.0		50.0	38.8		ug/L		78	61 - 130	24	30
Ethylbenzene	<1.0		50.0	40.1		ug/L		80	58 - 131	25	30
Toluene	<1.0		50.0	41.7		ug/L		83	65 - 130	20	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	107		56 - 136
Dibromofluoromethane	87		79 - 130
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: MB 400-731875/5
 Matrix: Water
 Analysis Batch: 731875

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			11/26/25 08:12	1
Ethylbenzene	<1.0		1.0		ug/L			11/26/25 08:12	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

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

Lab Sample ID: MB 400-731875/5
 Matrix: Water
 Analysis Batch: 731875

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			11/26/25 08:12	1
Xylenes, Total	<10		10		ug/L			11/26/25 08:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		11/26/25 08:12	1
Dibromofluoromethane	98		79 - 130		11/26/25 08:12	1
Toluene-d8 (Surr)	95		64 - 132		11/26/25 08:12	1

Lab Sample ID: LCS 400-731875/1002
 Matrix: Water
 Analysis Batch: 731875

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	48.7		ug/L		97	70 - 130
m-Xylene & p-Xylene	50.0	45.1		ug/L		90	70 - 130
o-Xylene	50.0	46.0		ug/L		92	70 - 130
Ethylbenzene	50.0	47.5		ug/L		95	70 - 130
Toluene	50.0	47.7		ug/L		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		56 - 136
Dibromofluoromethane	89		79 - 130
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: 400-286040-22 MS
 Matrix: Water
 Analysis Batch: 731875

Client Sample ID: MW-23
 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	39.0		ug/L		78	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	32.6		ug/L		65	57 - 130
o-Xylene	<5.0		50.0	33.8		ug/L		68	61 - 130
Ethylbenzene	<1.0		50.0	34.9		ug/L		70	58 - 131
Toluene	<1.0		50.0	36.3		ug/L		73	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	104		56 - 136
Dibromofluoromethane	88		79 - 130
Toluene-d8 (Surr)	98		64 - 132

Lab Sample ID: 400-286040-22 MSD
 Matrix: Water
 Analysis Batch: 731875

Client Sample ID: MW-23
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	48.3		ug/L		97	56 - 142	22	30
m-Xylene & p-Xylene	<5.0		50.0	41.1		ug/L		82	57 - 130	23	30
o-Xylene	<5.0		50.0	42.3		ug/L		85	61 - 130	22	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

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

Lab Sample ID: 400-286040-22 MSD
 Matrix: Water
 Analysis Batch: 731875

Client Sample ID: MW-23
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	<1.0		50.0	44.0		ug/L		88	58 - 131	23	30
Toluene	<1.0		50.0	45.5		ug/L		91	65 - 130	22	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	105		56 - 136
Dibromofluoromethane	87		79 - 130
Toluene-d8 (Surr)	98		64 - 132

Lab Sample ID: MB 400-732415/5
 Matrix: Water
 Analysis Batch: 732415

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			12/03/25 08:07	1
Ethylbenzene	<1.0		1.0		ug/L			12/03/25 08:07	1
Toluene	<1.0		1.0		ug/L			12/03/25 08:07	1
Xylenes, Total	<10		10		ug/L			12/03/25 08:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		12/03/25 08:07	1
Dibromofluoromethane	96		79 - 130		12/03/25 08:07	1
Toluene-d8 (Surr)	95		64 - 132		12/03/25 08:07	1

Lab Sample ID: LCS 400-732415/1002
 Matrix: Water
 Analysis Batch: 732415

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	50.3		ug/L		101	70 - 130
m-Xylene & p-Xylene	50.0	46.3		ug/L		93	70 - 130
o-Xylene	50.0	47.5		ug/L		95	70 - 130
Ethylbenzene	50.0	49.3		ug/L		99	70 - 130
Toluene	50.0	49.1		ug/L		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	108		56 - 136
Dibromofluoromethane	87		79 - 130
Toluene-d8 (Surr)	100		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		Lab Pw: Whitnire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-145743-41341 1	
Client Contact: Joe Wiley		E-Mail: Cheyenne.Whitnire@et.eurofins.com		State of Origin: NM		Page: Page 1 of 3	
Company: El Paso Energy Corporation		PWSID:		Analysis Requested		Job #: A - HCL	
Address: 1001 Louisiana Street Room 8150		Due Date Requested:		Preservation Codes:		A - HCL	
City: Houston		TAT Requested (days): 5		Barcode		400-286040 Chain of Custody	
State, Zip: TX, 77002		Compliance Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8360D - BTEX - 8260			
Phone:		PO #: WD1177596					
Email: Joe.wiley@kindermorgan.com		WO #: Johnston Federal #4_ERG_ARF_10-27-2025					
Project Name: Johnston Federal #4.00		Project #: 40015823					
Site:		SSOW#:					
Sample Identification	Sample Data	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Sewage, Stormwater, Wastewater, BPT/Tras, A-MH, DW-Drinking Water)	Special Instructions/Note:		
TA-01	11-16-2025	1256	G	Water	TSS		
DUP-01	11-16-2025	0100	G	Water	TSS		
DUP-02	11-16-2025	0100	G	Water	TSS		
MW-1	11-16-2025	1351	G	Water	TSS		
MW-2	11-16-2025	1403	G	Water	TSS		
MW-3	11-16-2025	1409	G	Water	TSS		
MW-4	11-16-2025	1415	G	Water	TSS		
MW-6	11-16-2025	1423	G	Water	TSS		
MW-9	11-16-2025	1305	G	Water	TSS		
MW-10	11-16-2025	1429	G	Water	TSS		
MW-11	11-16-2025	1435	G	Water	TSS		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested I, II, IV, Other (specify)

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: _____ Date/Time: 11-17-2025 12:20 Company: STN
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact Yes No
 Custody Seal No. _____
 Cooler Temperature(s) °C and Other Remarks: _____
 Received by: _____ Date/Time: 11/18/25 9:26 Company: Eurofins
 Received by: _____ Date/Time: 11/18/25 9:26 Company: Eurofins
 Received by: _____ Date/Time: 11/18/25 9:26 Company: Eurofins

Special Instructions/QC Requirements: _____
 Return To Client Disposal By Lab Archive For _____ Months
 Method of Shipment: _____



Ver 10/10/2024

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 Client Contact: Joe Wiley Company: ELPaso Energy Corporation Address: 1001 Louisiana Street Room 14MSB City: Houston State, Zip: TX, 77002 Phone: [Redacted] Email: Joe.wiley@kindermorgan.com Project Name: Johnston Federal #4.00 Site: [Redacted]		Lab PM: Whitmire, Cheyenne R E-Mail: Cheyenne.Whitmire@et.eurofins.com		Carrier Tracking No(s): State of Origin: NM		COC No: 400-145743-41341.2 Page: Page 2 of 3 Job #:			
Due Date Requested: TAT Requested (days): 5 Standard Compliance Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PO #: WD1177596 WO #: Johnston Federal #4. ERG_ARF_10-27-2025 Project #: 40015823 SSOWN#:		Analysis Requested		Preservation Codes: A - HCL Other:		Special Instructions/Note:			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (Water, Sewage, Spill, On-wastewater, BP-Tissue, AMH, DW-Drinking Water)	
MW-12		11-16-2015		1434		G		Water	
MW-13		11-16-2015		1430		G		Water	
MW-14		11-16-2015		1420		G		Water	
MW-15		11-16-2015		1414		G		Water	
MW-16		11-16-2015		1406		G		Water	
MW-17		11-16-2015		1400		G		Water	
MW-18		11-16-2015		1312		G		Water	
MW-19		11-16-2015		1300		G		Water	
MW-20		11-16-2015		1354		G		Water	
MW-21		11-16-2015		1350		G		Water	
MW-23		11-16-2015		1320		G		Water	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant Deliverable Requested: <input checked="" type="checkbox"/> I, II, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab		Archive For _____ Months		Special Instructions/QC Requirements:			
Empty Kit Relinquished by		Date:		Time:		Method of Shipment:			
Relinquished by		Date/Time: 11/18/15 17:20		Company: SW		Received by:		Company:	
Relinquished by		Date/Time:		Company:		Received by:		Company:	
Relinquished by		Date/Time:		Company:		Received by:		Company:	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:		Date/Time: 11/18/15 9:20		Signature: [Handwritten]	



Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-286040-1

Login Number: 286040

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	4.4°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
 Project/Site: Johnston Federal #4

Job ID: 400-286040-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-26
Florida	NELAP	E81010	06-30-26
Georgia	State	E81010(FL)	06-30-26
Illinois	NELAP	200041	10-31-26
Kansas	NELAP	E-10253	10-31-26
Kentucky (UST)	State	53	06-30-26
Louisiana (All)	NELAP	30976	06-30-26
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	12-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-26
US Fish & Wildlife	US Federal Programs	A22340	06-30-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
USDA	US Federal Programs	FLGNV23001A1	01-08-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

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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 566897

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 566897
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
owen.sitler	1. Continue semi-annual groundwater monitoring as prescribed, including analysis for BTEX using EPA Method 8260	5/11/2026
owen.sitler	2. Address SVE system issues as prescribed	5/11/2026
owen.sitler	3. Submit to OCD the 2026 Annual Groundwater Report no later than April 2, 2027	5/11/2026