

2023 ANNUAL GROUNDWATER REPORT

STATE GAS COM N#1
Incident Number: nAUTO#AB000668
Meter Code: 71669
T31N, R12W, Sec16, Unit H

SITE DETAILS

REVIEWED

By Mike Buchanan at 4:25 pm, Oct 31, 2024

Site Location: Latitude: 36.901094 N, Longitude: -108.096457 W.
Land Type: State
Operator: Hilcorp Energy

SITE BACKGROUND

Environmental remediation activities at State Gas Com N#1 (Site) are managed pursuant to the procedures set forth in the document entitled, “*Remediation Plan for Groundwater Encountered During Pit Closure Activities*” (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (NMOCD) in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into El Paso CGP Company, LLC’s (EPCGP’s) program methods. Currently, the Site is operated by Hilcorp Energy, who purchased it from XTO Energy in December 2018, and is active. Pipelines owned by Enterprise Products, Inc. are located near the Site, and an aboveground condensate tank owned by Enterprise Products, Inc. is located approximately 70 to 80 feet southwest of well MW-1.

The Site is located on State land. An initial site assessment was completed in March 1994, and an excavation to approximately 12 feet below ground surface (bgs) was completed in May 1994, removing approximately 80 cubic yards (cy) of soil. Monitoring wells were installed in 1995 (MW-1 through MW-4), 2000 (MW-5), 2006 (MW-7 through MW-9), and 2014 (MW-10 through MW-19, and soil boring SB-1). Monitoring wells MW-7 and MW-8 were plugged in 2014. Air sparge (AS) test wells (TW-1 through TW-3) were installed in October and November 2017. Monitoring wells MW-20 through MW-23 were installed in October 2023. A detailed history of Site activities is included as Appendix A.

The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells and current and historical Site features is provided as Figure 2. Historically, light non-aqueous phase liquid (LNAPL) has periodically been encountered and recovered from MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-10, MW-11, MW-16, and TW-1. Quarterly manual LNAPL recovery began in the second quarter of 2020 and has continued through 2023. Currently, groundwater sampling is conducted on a semi-annual basis.

MONITORING AND TEST WELL INSTALLATION ACTIVITIES

The planned monitoring well locations for MW-20, MW-21, MW-22, and MW-23 were staked for permitting and utility locating purposes prior to completing public 811 locating activities. The monitoring well advancement and installation activities were completed in accordance with the August 15, 2023 *Monitoring Well and Soil Boring Installation Work Plan* (Work Plan), subsequently approved by the NMOCD. The NMOCD was notified of the start of the monitoring well installation activities on October 4, 2023 (Appendix B). Permits for installing the monitoring wells and advancing soil borings were obtained from the New Mexico Office of the State Engineer prior to drilling activities, and are included in Appendix C.

Four monitoring wells MW-20, MW-21, MW-22, and MW-23 were advanced and installed in October 2023. Advancement of soil borings SB-2, SB-3, SB-4, and SB-5 occurred west and north of the former EPCGP pit to further assess the extent of hydrocarbon impacts, as described in the Work Plan. Ground

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surface and casing elevations of the new and modified monitoring wells were subsequently surveyed to tie-in to the existing monitoring well network. Upon completion of the soil borings, the boreholes were plugged and abandoned in accordance the NMOSE-approved Plan of Plugging for the Site. Copies of the NMOSE well abandonment forms are included in Appendix D.

Monitoring wells MW-20, MW-21, MW-22, and MW-23 were constructed of 2-inch-diameter, Schedule 40 polyvinyl chloride (PVC), with 0.010-inch, continuous, factory-slotted PVC screen. The four wells were installed with 30 feet of screen with MW-20 set from 59 to 89 feet below ground surface (bgs), MW-21 set from 60 to 90 feet bgs, and MW-22 and MW-23 were set from 63 to 93 feet bgs. The wells were installed at depths that bisected the field-observed or expected water tables. A 3-foot seal of bentonite chips was placed above the sand pack and hydrated, and the remaining annular space was filled with bentonite grout. Each new well was completed as a stick-up with locking protective casing and a concrete surface completion. Protective bollards were installed around each of the new monitoring wells. NMOSE well completion forms are included in Appendix E. Soil boring logs and well construction diagrams are provided in Appendix F.

During advancement of the monitoring wells, two soil samples were retained from MW-20, MW-21, and MW-23 from above the field-interpreted water table for laboratory analysis. During advancement of MW-22, four soil samples were retained for laboratory analysis. Four soil samples were also retained for laboratory analysis during advancement of SB-2, SB-4, and SB-5. Six soil samples were retained for laboratory analysis during advancement of SB-3. The retained sample jars were placed in 4-ounce jars, packed on ice and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC, (Eurofins) in Pensacola, Florida. The soil samples were analyzed for the presence of benzene, toluene, ethylbenzene, and total xylenes (BTEX) according to United States Environmental Protection Agency (EPA) Method SW846 8021B, gasoline range organics, diesel range organics, and motor oil range organics using EPA Method 8015B; and chloride according to EPA Method 325.2.

Well development was performed on monitoring wells MW-21 through MW-23 using surge and bail methods until visibly clear groundwater was observed or the well went dry. Groundwater was not present in MW-20 to develop the well at this time. Development and decontamination water were containerized and transported to the Envirotech, Inc. land farm in Bloomfield, NM (Envirotech) for disposal. A copy of the wastewater disposal documentation is included in Appendix G. Soil cuttings were drummed and staged on site for later removal and disposal at Envirotech. Documentation of soil drum disposal at Envirotech is contained in Appendix G.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications via email to the NMOCD on May 12, 2023, and November 2, 2023, prior to initiating groundwater sampling activities at the Site. Copies of the 2023 NMOCD notifications are provided in Appendix B. Groundwater monitoring and sampling was completed on May 22, and November 10, 2023. During each sampling event, water levels were gauged from monitoring wells MW-1 through MW-6, MW-9 through MW-19, and test wells TW-1, TW-2, and TW-3. During the May and November 2023 events groundwater samples were collected from selected monitoring wells MW-1, MW-6, MW-9, MW-13, MW-14, MW-15, MW-16, MW-18, and MW-19. During the November 2023 event groundwater samples were also collected from MW-21 and MW-22. LNAPL was detected at MW-2, MW-3, MW-4, and MW-11 during both sampling events, and at MW-10 in May 2023; therefore, no groundwater samples were collected from those locations in 2023.

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Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event (MW-20 through MW-23 set after well development) using a suspension tether and stainless-steel weights. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the screened interval.

Groundwater samples were placed into laboratory supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins where they were analyzed for BTEX using EPA Method 8260. One laboratory supplied trip blank and one blind field duplicate were also collected during each groundwater sampling event. The unused sample water was combined in a waste container and disposed at Envirotech. Waste disposal documentation is included as Appendix G.

LNAPL RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly LNAPL recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of Site LNAPL recovery activities in 2023 is provided in Appendix B. LNAPL was observed in monitoring wells MW-2, MW-3, MW-4, MW-10, MW-11, and MW-23 during at least one of the four quarterly site visits in 2023. Historically, LNAPL has also been measured in monitoring wells MW-1, MW-5, MW-6, MW-7, MW-16, and TW-1.

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

SUMMARY TABLES

Historic groundwater analytical results and well gauging data are summarized in Tables 2 and 3, respectively. LNAPL recovery data is summarized on Table 1. Soil analytical data is summarized in Table 4.

SITE MAPS

Groundwater analytical results (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2023 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix H.

GROUND WATER RESULTS

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the south-southeast during 2023 (see Figures 4 and 6).
- LNAPL was present in MW-2, MW-3, MW-4, MW-10, and MW-11 during the May 2023 sampling event and MW-2, MW-3, MW-4, MW-11, and MW-23 during the November 2023 semi-annual sampling event; therefore, groundwater samples were not collected from these locations.

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- At least one groundwater sample collected in 2023 from MW-1, MW-6, MW-10, MW-13, MW-16, MW-21, 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. Benzene was either below the NMWQCC standard or was not detected in the remaining groundwater samples collected from Site monitoring wells in 2023.
- At least one groundwater sample collected in 2023 from MW-1, MW-6, MW-10, MW-21, and MW-22 exceeded the NMWQCC standard (750 $\mu\text{g/L}$) for toluene in groundwater. Toluene was either not detected or detected below the NMWQCC standard in the remaining groundwater samples collected from Site monitoring wells in 2023.
- At least one groundwater sample collected in 2023 from MW-1, MW-6, MW-10, MW-21, and MW-22 exceeded the NMWQCC standard (750 $\mu\text{g/L}$) for ethylbenzene in groundwater. Ethylbenzene was either not detected or detected below the NMWQCC standard in the remaining groundwater samples collected from Site monitoring wells in 2023.
- At least one groundwater sample collected in 2023 from MW-1, MW-6, MW-10, MW-21, and MW-22 exceeded the NMWQCC standard (620 $\mu\text{g/L}$) for total xylenes in groundwater. Total xylene concentrations were either not detected or detected below the NMWQCC standard in the remaining groundwater samples collected from Site monitoring wells in 2023.
- A field duplicate was collected from monitoring well MW-13 in May and November 2023. There were no significant differences between the primary and duplicate samples collected in 2023.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2023 groundwater monitoring events.

SOIL RESULTS

Soil samples were collected during advancement of monitoring wells MW-20, MW-21, MW-22, and MW-23 and soil borings SB-2 through SB-5. Results are shown in tabular format in Table 4 and graphically in Figure 7. The soil sample analytical laboratory reports are included in Appendix I.

- Concentrations of benzene were detected above the applicable NMOCD soil closure criteria (10 milligrams/kilogram (mg/kg)) in the soil sample collected from 71-72' bgs during the advancement of SB-3 at concentrations of 31 mg/kg . Concentrations of benzene were not detected in the remaining soil samples collected.
- Concentrations of total BTEX were detected above the applicable NMOCD soil closure criteria (50 mg/kg) in soil samples collected from 74-75' bgs during the advancement of SB-2 at concentrations of 139.3 mg/kg , and from 71-72' bgs during advancement of SB-3 at concentrations of 776.0 mg/kg . Concentrations of total BTEX were not detected or were detected below NMOCD criteria in the remaining soil samples collected.
- Concentrations of TPH were detected above the applicable NMOCD soil closure criteria (2,500 mg/kg) in soil samples collected from 74-75' bgs during the advancement of SB-2 at concentrations of 3,810 mg/kg , and from 71-72' bgs during advancement of SB-3 at concentrations of 15,770 mg/kg . Concentrations of total BTEX were not detected or were detected below NMOCD criteria in the remaining soil samples collected.

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- Concentrations of GRO and DRO were detected above the applicable NMOCD soil closure criteria (1,000 mg/kg) in soil samples collected from 74-75' bgs during the advancement of SB-2 at concentrations of 3,810 mg/kg, and from 71-72' bgs during advancement of SB-3 at concentrations of 15,770 mg/kg. Concentrations of total BTEX were not detected or were detected below NMOCD criteria in the remaining soil samples collected.
- Concentrations of Chloride were detected below the applicable NMOCD soil closure criteria (10,000mg/kg) in the soil samples collected from monitoring wells MW-20, MW-21, MW-22, and MW-23 and soil borings SB-2 through SB-5.

PLANNED FUTURE ACTIVITIES

Semi-annual groundwater monitoring will continue for 2024. Groundwater samples will be collected from key monitoring wells not containing LNAPL on a semi-annual basis and analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event. Sampling of all Site monitoring wells is conducted on a biennial basis, with the next site-wide sampling event planned for the second calendar quarter of 2024.

Quarterly site visits will continue at the Site in 2024 to facilitate removal of measurable LNAPL where it is present.

Additional assessment to better define the extent of hydrocarbons to the north and west is planned pending completion of additional permitting activities. A work plan to complete these activities will be submitted under separate cover.

The activities completed in 2024 and their results will be summarized in the 2024 Annual report for the Site, to be submitted by April 1, 2025.

TABLES

TABLE 1 – LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS

TABLE 3 – GROUNDWATER ELEVATION RESULTS

TABLE 4 – SOIL ANALYTICAL RESULTS

Review of the 2023 Annual Groundwater Report for the State Gas Com #1 for El Paso Natural Gas: Content Satisfactory

1. Continue to conduct groundwater monitoring as planned and scheduled for 2024.
2. Sample for BTEX by EPA method 8260 in groundwater. In addition, continue to remove LNAPL where possible in site wells on a quarterly basis.
3. Soil Boring and monitoring well installation is set to commence on 10.31.2024. Pending soil analysis will dictate which groundwater well locations are to be installed.
4. North and west delineation has commenced and waiting on findings for recommendation for future remedial activities.
5. Submit the 2024 groundwater monitoring report by April 1, 2025.

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

State Gas Com N#1						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-1						
3/27/2023	75.46	75.47	0.01	<0.01	0.05	manual
8/29/2023	75.37	75.38	0.01	0.00	0.40	manual
			Total:	0.00	0.45	
Well ID - MW-2						
8/30/2021	77.02	77.03	0.01	<0.01	0.08	manual
11/14/2021	77.29	77.32	0.03	<0.01	0.26	manual
3/22/2022	77.49	77.51	0.02	<0.01	0.26	manual
5/21/2022	77.55	77.58	0.03	<0.01	0.15	manual
7/31/2022	77.85	77.90	0.05	<0.01	0.21	manual
11/1/2022	78.01	78.06	0.05	0.02	0.39	manual
3/27/2023	78.36	78.41	0.05	0.01	0.25	manual
5/22/2023	78.51	78.65	0.14	0.07	0.31	manual
8/29/2023	78.63	78.70	0.07	0.02	0.53	manual
11/10/2023	78.60	78.63	0.03	0.02	0.40	manual
			Total:	0.14	2.84	
Well ID - MW-3						
6/16/2016	77.37	77.62	0.25	0.16	<0.01	manual
7/16/2016	77.55	78.10	0.55	0.23	<0.01	manual
8/18/2016	NM	NM	0.13	0.39	0.04	manual
10/11/2016	NM	NM	0.02	0.03	0.01	manual
11/14/2016	NM	NM	0.19	0.23	0.01	manual
12/14/2016	76.36	76.61	0.25	0.08	0.01	manual
5/3/2018	ND	73.44	ND	0.34	<0.01	SVE test*
5/22/2021	77.17	77.18	0.01	<0.01	0.08	manual
8/30/2021	77.34	77.35	0.01	0.05	0.37	manual
11/14/2021	77.55	77.62	0.07	0.02	0.32	manual
3/22/2022	77.70	77.75	0.05	0.02	0.20	manual
5/21/2022	77.72	77.74	0.02	<0.01	0.08	manual
7/31/2022	78.04	78.07	0.03	0.00	0.00	manual
11/1/2022	78.13	78.16	0.03	<0.01	0.40	manual
3/27/2023	78.40	78.62	0.22	0.12	0.40	manual
5/22/2023	78.53	78.83	0.30	0.22	0.17	manual
8/29/2023	78.61	79.01	0.40	0.28	2.10	manual
11/10/2023	78.62	78.94	0.32	0.21	0.14	manual
			Total:	2.38	4.34	

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

State Gas Com N#1						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-4						
5/3/2018	ND	73.32	ND	0.62	<0.01	SVE test*
5/18/2018	74.78	74.98	0.20	<0.01	<0.01	manual
10/25/2018	75.07	75.08	0.01	0.01	<0.01	manual
5/24/2019	75.33	75.55	0.22	0.05	NR	manual
11/13/2019	75.86	75.99	0.13	0.09	0.40	manual
5/13/2020	76.10	76.15	0.05	<0.01	<0.01	manual
8/18/2020	74.34	74.35	0.01	0.01	0.30	manual
11/14/2020	76.35	76.37	0.02	0.01	0.23	manual
5/22/2021	76.80	76.82	0.02	<0.01	0.05	manual
8/30/2021	77.02	77.07	0.05	0.03	0.18	manual
11/14/2021	77.28	77.30	0.02	0.02	0.34	manual
3/22/2022	77.41	77.46	0.05	0.02	0.26	manual
5/21/2022	77.49	77.52	0.03	0.02	0.14	manual
7/31/2022	77.75	77.78	0.03	0.01	0.20	manual
11/1/2022	77.85	77.90	0.05	0.03	0.18	manual
3/27/2023	78.12	78.16	0.04	<0.01	0.45	manual
5/22/2023	78.31	78.38	0.07	0.03	0.26	manual
8/29/2023	78.37	78.41	0.04	0.02	0.53	manual
11/10/2023	78.24	78.26	0.02	<0.01	0.11	manual
			Total:	0.97	3.63	
Well ID - MW-5						
5/27/2015	75.44	75.45	0.01	0.02	0.1	manual
11/22/2015	75.46	75.47	0.01	<0.01	0.1	manual
4/12/2016	75.23	75.57	0.34	0.15	<0.01	manual
5/25/2016	75.24	75.34	0.10	0.01	<0.01	manual
7/16/2016	75.52	75.63	0.11	<0.01	<0.01	manual
10/11/2016	74.53	75.03	0.50	0.20	0.01	manual
			Total:	0.38	0.21	

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

State Gas Com N#1						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-10						
5/27/2015	71.78	71.94	0.16	0.02	0.1	manual
11/22/2015	71.11	71.29	0.18	0.02	0.1	manual
5/3/2018	ND	68.74	ND	0.03	<0.01	SVE test*
5/22/2021	71.43	71.45	0.02	<0.01	0.04	manual
8/30/2021	71.71	71.73	0.02	<0.01	0.13	manual
11/14/2021	71.98	72.09	0.11	<0.01	0.29	manual
3/22/2022	72.22	72.25	0.03	<0.01	0.12	manual
5/21/2022	72.37	72.44	0.07	0.02	0.07	manual
7/31/2022	72.67	72.83	0.16	<0.01	0.22	manual
11/1/2022	72.87	73.04	0.17	0.01	0.53	manual
3/27/2023	73.30	73.52	0.22	0.02	0.11	manual
5/22/2023	73.34	73.46	0.12	0.02	0.11	manual
			Total:	0.14	1.82	
Well ID - MW-11						
5/27/2015	75.01	75.02	0.01	0.02	0.1	manual
11/22/2015	74.59	74.61	0.02	0.01	0.1	manual
4/12/2016	74.33	75.11	0.78	0.53	0.2	manual
5/25/2016	74.24	74.42	0.18	0.02	0.01	manual
7/16/2016	NM	NM	<0.01	<0.01	<0.01	manual
8/18/2016	NM	NM	<0.01	<0.01	<0.01	manual
9/24/2016	NM	NM	<0.01	<0.01	<0.01	manual
10/11/2016	73.66	73.79	0.13	0.06	<0.01	manual
5/3/2018	ND	72.32	ND	0.11	<0.01	SVE test*
5/22/2021	74.70	74.80	0.10	0.01	0.11	manual
8/30/2021	74.91	74.99	0.08	<0.01	0.16	manual
11/14/2021	75.14	75.26	0.12	<0.01	0.30	manual
3/22/2022	75.39	75.48	0.09	<0.01	0.26	manual
5/21/2022	75.54	75.64	0.10	0.02	0.14	manual
7/31/2022	75.87	75.98	0.11	0.02	0.22	manual
11/1/2022	75.96	76.03	0.07	<0.01	0.47	manual
3/27/2023	76.32	76.43	0.11	0.02	0.10	manual
5/22/2023	76.59	76.67	0.08	0.02	0.12	manual
8/29/2023	76.66	76.76	0.10	0.02	0.31	manual
11/10/2023	76.60	76.65	0.05	<0.01	0.10	manual
			Total:	0.86	2.70	

TABLE 1 LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY						
State Gas Com N#1						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-16						
5/22/2021	73.31	73.32	0.01	<0.01	0.05	manual
8/30/2021	0.02' LNAPL removed during SVE test					SVE test*
11/14/2021	73.65	73.69	0.04	<0.01	0.29	manual
			Total:	0.00	0.34	
Well ID - MW-23						
11/10/2023	85.50	92.45	6.95	2.17	0.01	manual
			Total:	2.17	0.01	
Well ID - TW-1						
5/24/2019	72.90	73.14	0.24	0.02	<0.01	manual
3/17/2021	74.03	74.05	0.02	<0.01	0.36	manual
5/22/2021	74.29	74.51	0.22	<0.01	0.07	manual
8/30/2021	74.33	74.51	0.18	<0.01	0.05	manual
11/14/2021	74.89	74.91	0.02	<0.01	0.32	manual
5/21/2022	75.61	75.62	0.01	<0.01	0.08	manual
			Total:	0.02	0.88	

Notes:

gal = gallons.

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

ND = Not Detected.

* = Calculated recovered hydrocarbon vapors from Soil Vapor Extraction (SVE) testing.

SVE = Soil vapor extraction

MDPE = Mobile dual phase extraction

LNAPL = Light non-aqueous phase liquid

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

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	10/17/95	14200	15600	1090	11000
MW-1	12/03/96	17200	15200	673	6670
MW-1	03/07/97	16900	16600	904	8420
MW-1	01/16/01	NS	NS	NS	NS
MW-1	01/24/01	NS	NS	NS	NS
MW-1	01/31/01	NS	NS	NS	NS
MW-1	02/19/01	NS	NS	NS	NS
MW-1	03/05/01	NS	NS	NS	NS
MW-1	06/05/01	NS	NS	NS	NS
MW-1	06/15/01	NS	NS	NS	NS
MW-1	07/13/01	NS	NS	NS	NS
MW-1	07/20/01	NS	NS	NS	NS
MW-1	08/01/01	NS	NS	NS	NS
MW-1	08/08/01	NS	NS	NS	NS
MW-1	08/16/01	NS	NS	NS	NS
MW-1	08/20/01	NS	NS	NS	NS
MW-1	09/05/01	NS	NS	NS	NS
MW-1	09/19/01	NS	NS	NS	NS
MW-1	09/26/01	NS	NS	NS	NS
MW-1	10/03/01	NS	NS	NS	NS
MW-1	10/11/01	NS	NS	NS	NS
MW-1	01/23/02	NS	NS	NS	NS
MW-1	05/17/02	NS	NS	NS	NS
MW-1	06/07/02	NS	NS	NS	NS
MW-1	09/04/02	NS	NS	NS	NS
MW-1	12/17/02	NS	NS	NS	NS
MW-1	06/26/03	NS	NS	NS	NS
MW-1	09/14/03	NS	NS	NS	NS
MW-1	12/09/03	NS	NS	NS	NS
MW-1	03/15/04	NS	NS	NS	NS
MW-1	06/17/04	NS	NS	NS	NS
MW-1	09/16/04	NS	NS	NS	NS
MW-1	12/20/04	NS	NS	NS	NS
MW-1	03/17/05	NS	NS	NS	NS
MW-1	06/17/05	NS	NS	NS	NS
MW-1	09/15/05	17300	10700	1560	19600
MW-1	12/22/05	NS	NS	NS	NS
MW-1	03/27/06	NS	NS	NS	NS
MW-1	06/19/06	NS	NS	NS	NS
MW-1	09/27/06	15100	9990	1150	10700

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	12/20/06	NS	NS	NS	NS
MW-1	03/28/07	NS	NS	NS	NS
MW-1	06/14/07	NS	NS	NS	NS
MW-1	09/18/07	13800	10100	2260	21200
MW-1	12/17/07	NS	NS	NS	NS
MW-1	03/05/08	NS	NS	NS	NS
MW-1	06/12/08	NS	NS	NS	NS
MW-1	09/08/08	11700	7560	815	7740
MW-1	12/03/08	NS	NS	NS	NS
MW-1	03/10/09	NS	NS	NS	NS
MW-1	06/03/09	NS	NS	NS	NS
MW-1	08/26/09	12600	8470	973	8670
MW-1	11/05/09	NS	NS	NS	NS
MW-1	02/11/10	NS	NS	NS	NS
MW-1	05/21/10	NS	NS	NS	NS
MW-1	09/29/10	10300	9470	1320	12500
MW-1	11/02/10	NS	NS	NS	NS
MW-1	02/02/11	NS	NS	NS	NS
MW-1	05/04/11	NS	NS	NS	NS
MW-1	09/29/11	12300	7800	907	7750
MW-1	11/11/11	NS	NS	NS	NS
MW-1	02/16/12	NS	NS	NS	NS
MW-1	05/08/12	NS	NS	NS	NS
MW-1	06/07/13	13000	7200	580	6700
MW-1	09/12/13	13000	5300	460	6600
MW-1	12/13/13	10000	6900	610	6400
MW-1	04/05/14	10000	5300	360	2000
MW-1	10/21/14	14000	4900	520	6400
MW-1	05/27/15	12000	9400	890	7400
MW-1	11/22/15	13000	6800	700	6500
MW-1	04/15/16	14000	5200	730	7400
MW-1	10/11/16	13000	3000	680	6500
MW-1	06/06/17	12000	3000	790	6500
MW-1	11/10/17	11000	2800	750	6400
MW-1	05/18/18	10000	4500	630	6000
MW-1	10/25/18	7700	3200	570	4900
MW-1	05/24/19	9200	4200	770	5600
MW-1	11/13/19	8300	4700	770	5700
MW-1	05/13/20	7600	4200	720	5500
MW-1	11/14/20	8400	4700	810	6000

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	05/22/21	6700	5100	830	6200
DUP-01(MW-1)*	05/22/21	6600	5100	830	6200
MW-1	11/14/21	5100	6000	750	5500
MW-1	05/21/22	7600	8900	910	8300
MW-1	11/01/22	7700	12000	1100	9700
MW-1	05/22/23	4400	6800	650	5600
MW-1	11/10/23	7000	12000	1200	10000
MW-2	12/07/95	8540	18900	6230	9240
MW-2	12/03/96	21700	5000	967	8310
MW-2	03/07/97	22100	5680	992	8360
MW-2	01/16/01	NS	NS	NS	NS
MW-2	01/24/01	NS	NS	NS	NS
MW-2	01/30/01	NS	NS	NS	NS
MW-2	04/02/01	NS	NS	NS	NS
MW-2	06/05/01	NS	NS	NS	NS
MW-2	06/15/01	NS	NS	NS	NS
MW-2	07/13/01	NS	NS	NS	NS
MW-2	07/20/01	NS	NS	NS	NS
MW-2	08/01/01	NS	NS	NS	NS
MW-2	08/08/01	NS	NS	NS	NS
MW-2	08/16/01	NS	NS	NS	NS
MW-2	08/20/01	NS	NS	NS	NS
MW-2	09/05/01	NS	NS	NS	NS
MW-2	09/19/01	NS	NS	NS	NS
MW-2	09/26/01	NS	NS	NS	NS
MW-2	10/03/01	NS	NS	NS	NS
MW-2	10/11/01	NS	NS	NS	NS
MW-2	01/23/02	NS	NS	NS	NS
MW-2	05/17/02	NS	NS	NS	NS
MW-2	06/07/02	NS	NS	NS	NS
MW-2	09/04/02	NS	NS	NS	NS
MW-2	12/17/02	NS	NS	NS	NS
MW-2	03/20/03	NS	NS	NS	NS
MW-2	06/26/03	NS	NS	NS	NS
MW-2	09/14/03	NS	NS	NS	NS
MW-2	12/09/03	NS	NS	NS	NS
MW-2	03/15/04	NS	NS	NS	NS
MW-2	06/17/04	NS	NS	NS	NS
MW-2	09/16/04	NS	NS	NS	NS
MW-2	12/20/04	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	03/17/05	NS	NS	NS	NS
MW-2	06/17/05	NS	NS	NS	NS
MW-2	09/15/05	13700	2770	762	8610
MW-2	12/22/05	NS	NS	NS	NS
MW-2	03/27/06	NS	NS	NS	NS
MW-2	06/19/06	NS	NS	NS	NS
MW-2	09/27/06	13800	2150	880	8130
MW-2	12/20/06	NS	NS	NS	NS
MW-2	03/28/07	NS	NS	NS	NS
MW-2	06/14/07	NS	NS	NS	NS
MW-2	09/18/07	10100	1730	1200	12700
MW-2	12/17/07	NS	NS	NS	NS
MW-2	03/05/08	NS	NS	NS	NS
MW-2	06/12/08	NS	NS	NS	NS
MW-2	09/08/08	9120	1610	552	6380
MW-2	12/03/08	NS	NS	NS	NS
MW-2	03/10/09	NS	NS	NS	NS
MW-2	06/03/09	NS	NS	NS	NS
MW-2	08/26/09	NS	NS	NS	NS
MW-2	11/05/09	NS	NS	NS	NS
MW-2	02/11/10	NS	NS	NS	NS
MW-2	05/21/10	NS	NS	NS	NS
MW-2	09/29/10	15600	1570	779	7730
MW-2	11/02/10	NS	NS	NS	NS
MW-2	02/02/11	NS	NS	NS	NS
MW-2	05/04/11	NS	NS	NS	NS
MW-2	09/29/11	12900	1270	838	6940
MW-2	11/11/11	NS	NS	NS	NS
MW-2	02/16/12	NS	NS	NS	NS
MW-2	05/08/12	NS	NS	NS	NS
MW-2	06/07/13	15000	1600	630	7000
MW-2	09/12/13	14000	1500	550	6300
MW-2	12/13/13	11000	7200	620	6500
MW-2	04/05/14	680	440	37 J	400
MW-2	10/21/14	15000	1500	620	6700
MW-2	05/27/15	14000	1700	650	7200
MW-2	11/22/15	17000	1900	680	7200
MW-2	04/15/16	NS	NS	NS	NS
MW-2	10/11/16	NS	NS	NS	NS
MW-2	06/06/17	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	11/10/17	NS	NS	NS	NS
MW-2	05/18/18	NS	NS	NS	NS
MW-2	10/25/18	NS	NS	NS	NS
MW-2	05/24/19	NS	NS	NS	NS
MW-2	11/13/19	11000	1900	540	5800
MW-2	05/13/20	NS	NS	NS	NS
MW-2	11/14/20	NS	NS	NS	NS
MW-2	05/22/21	NS	NS	NS	NS
MW-2	11/14/21	NS	NS	NS	NS
MW-2	05/21/22	NS	NS	NS	NS
MW-2	11/01/22	NS	NS	NS	NS
MW-2	05/22/23	NS	NS	NS	NS
MW-2	11/10/23	NS	NS	NS	NS
MW-3	12/07/95	18000	3760	1050	7070
MW-3	12/03/96	17700	7310	983	7200
MW-3	03/07/97	17700	7780	1020	7550
MW-3	10/03/00	NS	NS	NS	NS
MW-3	12/20/00	NS	NS	NS	NS
MW-3	01/10/01	NS	NS	NS	NS
MW-3	02/19/01	NS	NS	NS	NS
MW-3	03/05/01	NS	NS	NS	NS
MW-3	04/02/01	NS	NS	NS	NS
MW-3	06/05/01	NS	NS	NS	NS
MW-3	06/15/01	NS	NS	NS	NS
MW-3	07/13/01	NS	NS	NS	NS
MW-3	07/20/01	NS	NS	NS	NS
MW-3	08/01/01	NS	NS	NS	NS
MW-3	08/08/01	NS	NS	NS	NS
MW-3	08/16/01	NS	NS	NS	NS
MW-3	08/20/01	NS	NS	NS	NS
MW-3	09/05/01	NS	NS	NS	NS
MW-3	09/19/01	NS	NS	NS	NS
MW-3	09/26/01	NS	NS	NS	NS
MW-3	10/03/01	NS	NS	NS	NS
MW-3	10/11/01	NS	NS	NS	NS
MW-3	11/21/01	NS	NS	NS	NS
MW-3	12/13/01	NS	NS	NS	NS
MW-3	12/21/01	NS	NS	NS	NS
MW-3	12/28/01	NS	NS	NS	NS
MW-3	01/04/02	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	01/07/02	NS	NS	NS	NS
MW-3	01/23/02	NS	NS	NS	NS
MW-3	01/31/02	NS	NS	NS	NS
MW-3	02/07/02	NS	NS	NS	NS
MW-3	02/14/02	NS	NS	NS	NS
MW-3	02/20/02	NS	NS	NS	NS
MW-3	03/06/02	NS	NS	NS	NS
MW-3	03/11/02	NS	NS	NS	NS
MW-3	03/21/02	NS	NS	NS	NS
MW-3	03/28/02	NS	NS	NS	NS
MW-3	04/03/02	NS	NS	NS	NS
MW-3	04/12/02	NS	NS	NS	NS
MW-3	04/19/02	NS	NS	NS	NS
MW-3	04/25/02	NS	NS	NS	NS
MW-3	05/03/02	NS	NS	NS	NS
MW-3	05/10/02	NS	NS	NS	NS
MW-3	05/17/02	NS	NS	NS	NS
MW-3	06/07/02	NS	NS	NS	NS
MW-3	09/04/02	NS	NS	NS	NS
MW-3	12/17/02	NS	NS	NS	NS
MW-3	03/20/03	NS	NS	NS	NS
MW-3	06/26/03	NS	NS	NS	NS
MW-3	09/14/03	NS	NS	NS	NS
MW-3	12/09/03	NS	NS	NS	NS
MW-3	03/15/04	NS	NS	NS	NS
MW-3	06/17/04	NS	NS	NS	NS
MW-3	09/16/04	NS	NS	NS	NS
MW-3	12/20/04	NS	NS	NS	NS
MW-3	03/17/05	NS	NS	NS	NS
MW-3	06/17/05	NS	NS	NS	NS
MW-3	09/15/05	NS	NS	NS	NS
MW-3	12/22/05	NS	NS	NS	NS
MW-3	03/27/06	NS	NS	NS	NS
MW-3	06/19/06	NS	NS	NS	NS
MW-3	09/27/06	NS	NS	NS	NS
MW-3	12/20/06	NS	NS	NS	NS
MW-3	03/28/07	NS	NS	NS	NS
MW-3	06/14/07	NS	NS	NS	NS
MW-3	09/18/07	NS	NS	NS	NS
MW-3	12/17/07	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	03/05/08	NS	NS	NS	NS
MW-3	06/12/08	NS	NS	NS	NS
MW-3	09/08/08	70.3	1.5	3.3	19.1
MW-3	12/03/08	NS	NS	NS	NS
MW-3	03/10/09	NS	NS	NS	NS
MW-3	06/03/09	NS	NS	NS	NS
MW-3	08/26/09	20100	434	936	4690
MW-3	11/05/09	NS	NS	NS	NS
MW-3	02/11/10	NS	NS	NS	NS
MW-3	05/21/10	NS	NS	NS	NS
MW-3	09/29/10	23600	219 J	771	3480
MW-3	11/02/10	NS	NS	NS	NS
MW-3	02/02/11	NS	NS	NS	NS
MW-3	05/04/11	NS	NS	NS	NS
MW-3	09/29/11	18500	163	906	4520
MW-3	11/11/11	NS	NS	NS	NS
MW-3	02/16/12	NS	NS	NS	NS
MW-3	05/08/12	NS	NS	NS	NS
MW-3	06/07/13	24000	J100	540	2700
MW-3	09/12/13	22000	97 J	590	2700
MW-3	12/13/13	19000	85 J	620	2900
MW-3	04/05/14	24000	<380	570 J	2400
MW-3	10/21/14	27000	98 J	770	2900
MW-3	05/27/15	25000	230 J	950	5900
MW-3	11/22/15	54000	<5000	17000	66000
MW-3	04/15/16	NS	NS	NS	NS
MW-3	10/11/16	NS	NS	NS	NS
MW-3	06/06/17	22000	<1300	1100	8500
MW-3	11/10/17	14000	310	800	7000
MW-3	05/02/18	NS	NS	NS	NS
MW-3	05/18/18	20000	250	620	4900
MW-3	10/25/18	20000	230	670	4500
MW-3	05/24/19	26000	220	810	4900
MW-3	11/13/19	22000	140	620	3400
MW-3	05/13/20	NS	NS	NS	NS
MW-3	11/14/20	NS	NS	NS	NS
MW-3	05/22/21	NS	NS	NS	NS
MW-3	11/14/21	NS	NS	NS	NS
MW-3	05/21/22	NS	NS	NS	NS
MW-3	11/01/22	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	05/22/23	NS	NS	NS	NS
MW-3	11/10/23	NS	NS	NS	NS
MW-4	12/07/95	20300	19600	1040	8880
MW-4	12/03/96	23600	19600	1000	8600
MW-4	03/07/97	24800	20100	1040	9080
MW-4	06/05/01	NS	NS	NS	NS
MW-4	07/13/01	NS	NS	NS	NS
MW-4	08/16/01	NS	NS	NS	NS
MW-4	09/10/01	17000	14000	610	6700
MW-4	12/04/01	NS	NS	NS	NS
MW-4	01/07/02	NS	NS	NS	NS
MW-4	01/23/02	NS	NS	NS	NS
MW-4	01/31/02	NS	NS	NS	NS
MW-4	02/07/02	NS	NS	NS	NS
MW-4	02/14/02	NS	NS	NS	NS
MW-4	02/20/02	NS	NS	NS	NS
MW-4	05/17/02	NS	NS	NS	NS
MW-4	09/04/02	17800	13900	750	10870
MW-4	12/17/02	NS	NS	NS	NS
MW-4	06/26/03	NS	NS	NS	NS
MW-4	09/14/03	24000	30800	4670	73200
MW-4	12/09/03	NS	NS	NS	NS
MW-4	03/15/04	NS	NS	NS	NS
MW-4	06/17/04	NS	NS	NS	NS
MW-4	09/16/04	26300	18500	1870	15200
MW-4	12/20/04	NS	NS	NS	NS
MW-4	03/17/05	NS	NS	NS	NS
MW-4	06/17/05	NS	NS	NS	NS
MW-4	09/15/05	18600	16900	1120	12800
MW-4	12/22/05	NS	NS	NS	NS
MW-4	03/27/06	NS	NS	NS	NS
MW-4	06/19/06	NS	NS	NS	NS
MW-4	09/27/06	19800	14200	978	12500
MW-4	12/20/06	NS	NS	NS	NS
MW-4	03/28/07	NS	NS	NS	NS
MW-4	06/14/07	NS	NS	NS	NS
MW-4	09/18/07	21100	15400	1560	17000
MW-4	12/17/07	NS	NS	NS	NS
MW-4	03/05/08	NS	NS	NS	NS
MW-4	06/12/08	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	09/08/08	17000	12700	598	11700
MW-4	12/03/08	NS	NS	NS	NS
MW-4	03/10/09	NS	NS	NS	NS
MW-4	06/03/09	NS	NS	NS	NS
MW-4	08/26/09	17000	14400	934	11000
MW-4	11/05/09	NS	NS	NS	NS
MW-4	02/11/10	NS	NS	NS	NS
MW-4	05/21/10	NS	NS	NS	NS
MW-4	09/29/10	19400	13100	789	9500
MW-4	11/02/10	NS	NS	NS	NS
MW-4	02/02/11	NS	NS	NS	NS
MW-4	05/04/11	NS	NS	NS	NS
MW-4	09/29/11	18700	12500	1020	11400
MW-4	11/11/11	NS	NS	NS	NS
MW-4	02/16/12	NS	NS	NS	NS
MW-4	05/08/12	NS	NS	NS	NS
MW-4	06/07/13	21000	13000	290	8400
MW-4	09/12/13	18000	11000	450	7300
MW-4	12/13/13	17000	11000	620	8100
MW-4	04/05/14	12000	57 J	350	1600
MW-4	10/21/14	21000	13000	520	8400
MW-4	05/27/15	21000	13000	700	9200
MW-4	11/22/15	21000	13000	670	8800
MW-4	04/15/16	23000	14000	960	11000
MW-4	10/11/16	22000	13000	730	8800
MW-4	06/06/17	26000	16000	500	12000
MW-4	11/10/17	20000	13000	630	9200
MW-4	05/02/18	NS	NS	NS	NS
MW-4	05/18/18	NS	NS	NS	NS
MW-4	10/25/18	NS	NS	NS	NS
MW-4	05/24/19	NS	NS	NS	NS
MW-4	11/13/19	NS	NS	NS	NS
MW-4	05/13/20	NS	NS	NS	NS
MW-4	11/14/20	NS	NS	NS	NS
MW-4	05/22/21	NS	NS	NS	NS
MW-4	11/14/21	NS	NS	NS	NS
MW-4	05/21/22	NS	NS	NS	NS
MW-4	11/01/22	NS	NS	NS	NS
MW-4	05/22/23	NS	NS	NS	NS
MW-4	11/10/23	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	08/30/00	27000	570	930	8600
MW-5	06/05/01	NS	NS	NS	NS
MW-5	07/13/01	NS	NS	NS	NS
MW-5	08/16/01	NS	NS	NS	NS
MW-5	09/10/01	16000	100	720	4600
MW-5	05/17/02	NS	NS	NS	NS
MW-5	09/04/02	21100	190	1310	5560
MW-5	12/17/02	NS	NS	NS	NS
MW-5	06/26/03	NS	NS	NS	NS
MW-5	09/14/03	23100	157	2480	11300
MW-5	12/09/03	NS	NS	NS	NS
MW-5	03/15/04	NS	NS	NS	NS
MW-5	06/17/04	NS	NS	NS	NS
MW-5	09/16/04	29400	<25	1320	1690
MW-5	12/20/04	NS	NS	NS	NS
MW-5	03/17/05	NS	NS	NS	NS
MW-5	06/17/05	NS	NS	NS	NS
MW-5	09/15/05	22800	14	1160	1620
MW-5	12/22/05	NS	NS	NS	NS
MW-5	03/27/06	NS	NS	NS	NS
MW-5	06/19/06	NS	NS	NS	NS
MW-5	09/27/06	26000	<100	1440	1800
MW-5	12/20/06	NS	NS	NS	NS
MW-5	03/28/07	NS	NS	NS	NS
MW-5	06/14/07	NS	NS	NS	NS
MW-5	09/18/07	26300	<100	914	1590
MW-5	12/17/07	NS	NS	NS	NS
MW-5	03/05/08	NS	NS	NS	NS
MW-5	06/12/08	NS	NS	NS	NS
MW-5	09/08/08	21600	<100	522	1580
MW-5	12/03/08	NS	NS	NS	NS
MW-5	03/10/09	NS	NS	NS	NS
MW-5	06/03/09	NS	NS	NS	NS
MW-5	08/26/09	19800	63.2 J	1280	2470
MW-5	11/05/09	NS	NS	NS	NS
MW-5	02/11/10	NS	NS	NS	NS
MW-5	05/21/10	NS	NS	NS	NS
MW-5	09/29/10	24600	<200	1330	4390
MW-5	11/02/10	NS	NS	NS	NS
MW-5	02/02/11	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	05/04/11	NS	NS	NS	NS
MW-5	09/29/11	20600	8.9 J	1000	3370
MW-5	11/11/11	NS	NS	NS	NS
MW-5	02/16/12	NS	NS	NS	NS
MW-5	05/08/12	NS	NS	NS	NS
MW-5	06/07/13	16000	<60	1000	5400
MW-5	09/12/13	NS	NS	NS	NS
MW-5	12/13/13	NS	NS	NS	NS
MW-5	04/05/14	NS	NS	NS	NS
MW-5	10/21/14	NS	NS	NS	NS
MW-5	05/27/15	NS	NS	NS	NS
MW-5	11/22/15	NS	NS	NS	NS
MW-5	04/15/16	NS	NS	NS	NS
MW-5	10/11/16	NS	NS	NS	NS
MW-5	06/06/17	NS	NS	NS	NS
MW-5	11/10/17	NS	NS	NS	NS
MW-5	05/18/18	NS	NS	NS	NS
MW-5	10/25/18	NS	NS	NS	NS
MW-5	05/24/19	NS	NS	NS	NS
MW-5	11/13/19	9600	<50	900	820
MW-5	05/13/20	NS	NS	NS	NS
MW-5	11/14/20	NS	NS	NS	NS
MW-5	05/22/21	NS	NS	NS	NS
MW-5	11/14/21	7800	<100	670	<1000
MW-5	05/21/22	NS	NS	NS	NS
MW-5	11/01/22	16000	<100	1200	1700
MW-5	05/22/23	NS	NS	NS	NS
MW-5	11/10/23	NS	NS	NS	NS
MW-6	12/20/01	5000	11000	420	4600
MW-6	12/28/01	NS	NS	NS	NS
MW-6	03/06/02	NS	NS	NS	NS
MW-6	03/11/02	NS	NS	NS	NS
MW-6	03/21/02	NS	NS	NS	NS
MW-6	04/03/02	NS	NS	NS	NS
MW-6	05/17/02	NS	NS	NS	NS
MW-6	09/04/02	NS	NS	NS	NS
MW-6	12/17/02	NS	NS	NS	NS
MW-6	03/20/03	NS	NS	NS	NS
MW-6	06/26/03	NS	NS	NS	NS
MW-6	09/14/03	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	12/09/03	NS	NS	NS	NS
MW-6	03/15/04	NS	NS	NS	NS
MW-6	06/17/04	NS	NS	NS	NS
MW-6	09/16/04	NS	NS	NS	NS
MW-6	12/20/04	NS	NS	NS	NS
MW-6	03/17/05	NS	NS	NS	NS
MW-6	06/17/05	NS	NS	NS	NS
MW-6	09/15/05	NS	NS	NS	NS
MW-6	12/22/05	NS	NS	NS	NS
MW-6	03/27/06	NS	NS	NS	NS
MW-6	06/19/06	NS	NS	NS	NS
MW-6	07/21/06	NS	NS	NS	NS
MW-6	08/24/06	NS	NS	NS	NS
MW-6	09/27/06	NS	NS	NS	NS
MW-6	10/22/06	NS	NS	NS	NS
MW-6	11/07/06	NS	NS	NS	NS
MW-6	12/20/06	NS	NS	NS	NS
MW-6	01/16/07	NS	NS	NS	NS
MW-6	02/26/07	NS	NS	NS	NS
MW-6	03/26/07	NS	NS	NS	NS
MW-6	03/28/07	NS	NS	NS	NS
MW-6	04/30/07	NS	NS	NS	NS
MW-6	05/24/07	NS	NS	NS	NS
MW-6	06/14/07	NS	NS	NS	NS
MW-6	07/31/07	NS	NS	NS	NS
MW-6	08/29/07	NS	NS	NS	NS
MW-6	09/18/07	NS	NS	NS	NS
MW-6	10/31/07	NS	NS	NS	NS
MW-6	11/30/07	NS	NS	NS	NS
MW-6	12/17/07	NS	NS	NS	NS
MW-6	01/23/08	NS	NS	NS	NS
MW-6	03/05/08	NS	NS	NS	NS
MW-6	04/15/08	NS	NS	NS	NS
MW-6	05/08/08	NS	NS	NS	NS
MW-6	06/12/08	NS	NS	NS	NS
MW-6	07/17/08	NS	NS	NS	NS
MW-6	08/12/08	NS	NS	NS	NS
MW-6	09/08/08	NS	NS	NS	NS
MW-6	10/09/08	NS	NS	NS	NS
MW-6	11/07/08	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	12/03/08	NS	NS	NS	NS
MW-6	01/16/09	NS	NS	NS	NS
MW-6	02/06/09	NS	NS	NS	NS
MW-6	03/10/09	NS	NS	NS	NS
MW-6	04/01/09	NS	NS	NS	NS
MW-6	05/01/09	NS	NS	NS	NS
MW-6	06/03/09	NS	NS	NS	NS
MW-6	08/26/09	NS	NS	NS	NS
MW-6	11/05/09	NS	NS	NS	NS
MW-6	02/11/10	NS	NS	NS	NS
MW-6	05/21/10	NS	NS	NS	NS
MW-6	09/29/10	6950	14700	978	8990
MW-6	11/02/10	NS	NS	NS	NS
MW-6	02/02/11	NS	NS	NS	NS
MW-6	05/04/11	NS	NS	NS	NS
MW-6	09/29/11	5590	10200	991	8670
MW-6	11/11/11	NS	NS	NS	NS
MW-6	02/16/12	NS	NS	NS	NS
MW-6	05/08/12	NS	NS	NS	NS
MW-6	06/07/13	3400	4700	370	4900
MW-6	09/12/13	4500	7700	640	6300
MW-6	12/13/13	3600	5600	610	6000
MW-6	04/05/14	19000	13000	720	9100
MW-6	10/21/14	2900	3300	380	5400
MW-6	05/27/15	4000	7000	630	6200
MW-6	11/22/15	6100	11000	950	8200
MW-6	04/15/16	5700	11000	870	7600
MW-6	10/11/16	5200	7800	860	6600
MW-6	06/06/17	5700	9000	910	7300
MW-6	11/10/17	4500	7800	750	6500
MW-6	05/18/18	4200	5800	420	3600
MW-6	10/25/18	3900	5300	580	4800
MW-6	05/24/19	5000	6700	790	6100
MW-6	11/13/19	2900	4500	490	4000
DUP-01(MW-6)*	11/13/19	3900	7000	710	5700
MW-6	05/13/20	1400	2000	270	2500
MW-6	11/14/20	4100	4900	720	6200
MW-6	05/22/21	4400	6000	790	6400
MW-6	08/30/21	NS	NS	NS	NS
MW-6	11/14/21	3700	5600	680	5300

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
DUP-01(MW-6)*	11/14/21	4000	5800	730	5700
MW-6	05/21/22	5600	7600	930	7700
MW-6	11/01/22	5600	8400	1000	8700
DUP-01(MW-6)*	11/01/22	5700	8700	1100	9100
MW-6	05/22/23	3500	4400	500	4200
MW-6	11/10/23	4900	8400	1100	8800
MW-7	12/20/06	NS	NS	NS	NS
MW-7	03/28/07	NS	NS	NS	NS
MW-7	06/14/07	NS	NS	NS	NS
MW-7	09/18/07	NS	NS	NS	NS
MW-7	12/17/07	NS	NS	NS	NS
MW-7	03/05/08	NS	NS	NS	NS
MW-7	04/15/08	<2	<2	<2	<6
MW-7	06/12/08	NS	NS	NS	NS
MW-7	09/08/08	NS	NS	NS	NS
MW-7	12/03/08	NS	NS	NS	NS
MW-7	03/10/09	NS	NS	NS	NS
MW-7	06/03/09	NS	NS	NS	NS
MW-7	08/25/09	NS	NS	NS	NS
MW-7	08/26/09	11200	4930	916	5760
MW-7	11/05/09	NS	NS	NS	NS
MW-7	02/11/10	NS	NS	NS	NS
MW-7	05/21/10	NS	NS	NS	NS
MW-7	09/29/10	13900	8690	982	7130
MW-7	11/02/10	NS	NS	NS	NS
MW-7	02/02/11	NS	NS	NS	NS
MW-7	05/04/11	NS	NS	NS	NS
MW-7	09/29/11	9280	3550	725	4270
MW-7	11/11/11	NS	NS	NS	NS
MW-7	02/16/12	NS	NS	NS	NS
MW-7	05/08/12	NS	NS	NS	NS
MW-7	06/07/13	Well Destroyed			
MW-9	12/20/06	NS	NS	NS	NS
MW-9	03/28/07	NS	NS	NS	NS
MW-9	06/14/07	NS	NS	NS	NS
MW-9	09/18/07	NS	NS	NS	NS
MW-9	12/17/07	NS	NS	NS	NS
MW-9	03/05/08	NS	NS	NS	NS
MW-9	04/15/08	<2	<2	<2	<6

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	06/12/08	NS	NS	NS	NS
MW-9	09/08/08	0.95 J	<1	<1	1.3 J
MW-9	12/03/08	NS	NS	NS	NS
MW-9	03/10/09	NS	NS	NS	NS
MW-9	06/03/09	NS	NS	NS	NS
MW-9	08/26/09	1.2	0.69 J	0.35J	2.7
MW-9	11/05/09	NS	NS	NS	NS
MW-9	02/11/10	NS	NS	NS	NS
MW-9	05/21/10	NS	NS	NS	NS
MW-9	09/29/10	0.79 J	17 J	<2	2.9 J
MW-9	11/02/10	NS	NS	NS	NS
MW-9	02/02/11	NS	NS	NS	NS
MW-9	05/04/11	NS	NS	NS	NS
MW-9	09/29/11	0.89 J	0.87 J	<1	<2
MW-9	11/11/11	NS	NS	NS	NS
MW-9	02/16/12	NS	NS	NS	NS
MW-9	05/08/12	NS	NS	NS	NS
MW-9	06/07/13	<0.14	<0.30	<0.20	<0.23
MW-9	09/12/13	<0.14	<0.30	<0.20	<0.23
MW-9	12/13/13	<0.20	<0.38	<0.20	<0.65
MW-9	04/05/14	51	89	8	67
MW-9	10/21/14	<0.38	<0.70	<0.50	<1.6
MW-9	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-9	11/22/15	<1.0	<5.0	<1.0	<5.0
MW-9	04/15/16	<1.0	<5.0	<1.0	<5.0
MW-9	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-9	06/06/17	<1.0	<5.0	<1.0	<5.0
MW-9	11/10/17	<1.0	<1.0	<1.0	<10
MW-9	05/18/18	<1.0	<1.0	<1.0	<10
MW-9	10/25/18	<1.0	<1.0	<1.0	<10
MW-9	05/24/19	<1.0	<1.0	<1.0	<10
MW-9	11/13/19	<1.0	<1.0	<1.0	<10
DUP-02(MW-9)*	11/13/19	<1.0	<1.0	<1.0	<10
MW-9	05/13/20	<1.0	<1.0	<1.0	<10
MW-9	11/14/20	<1.0	<1.0	<1.0	<10
MW-9	05/22/21	<1.0	<1.0	<1.0	<10
MW-9	08/30/21	NS	NS	NS	NS
MW-9	11/14/21	<1.0	<1.0	<1.0	<10
MW-9	05/21/22	<1.0	<1.0	<1.0	<10
MW-9	11/01/22	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	05/22/23	<1.0	<1.0	<1.0	<10
MW-9	11/10/23	<1.0	<1.0	<1.0	<10
MW-10	05/27/15	NS	NS	NS	NS
MW-10	11/22/15	NS	NS	NS	NS
MW-10	04/15/16	NS	NS	NS	NS
MW-10	10/11/16	NS	NS	NS	NS
MW-10	06/06/17	NS	NS	NS	NS
MW-10	11/10/17	NS	NS	NS	NS
MW-10	05/02/18	NS	NS	NS	NS
MW-10	05/18/18	NS	NS	NS	NS
MW-10	10/25/18	NS	NS	NS	NS
MW-10	05/24/19	NS	NS	NS	NS
MW-10	11/13/19	17000	14000	690	4500
MW-10	05/13/20	20000	15000	790	5200
MW-10	11/14/20	24000	17000	810	4900
MW-10	05/22/21	NS	NS	NS	NS
MW-10	11/14/21	NS	NS	NS	NS
MW-10	05/21/22	NS	NS	NS	NS
MW-10	11/01/22	NS	NS	NS	NS
MW-10	05/22/23	NS	NS	NS	NS
MW-10	11/10/23	25000	20000	700	5400
MW-11	05/27/15	NS	NS	NS	NS
MW-11	11/22/15	NS	NS	NS	NS
MW-11	04/15/16	NS	NS	NS	NS
MW-11	10/11/16	NS	NS	NS	NS
MW-11	06/06/17	NS	NS	NS	NS
MW-11	11/10/17	NS	NS	NS	NS
MW-11	05/02/18	NS	NS	NS	NS
MW-11	05/18/18	NS	NS	NS	NS
MW-11	10/25/18	NS	NS	NS	NS
MW-11	05/24/19	NS	NS	NS	NS
MW-11	11/13/19	19000	26000	770	8100
MW-11	05/13/20	20000	22000	630	6800
MW-11	11/14/20	24000	32000	1200	11000
DUP-01(MW-11)	11/14/20	24000	31000	1100	11000
MW-11	05/22/21	NS	NS	NS	NS
MW-11	11/14/21	NS	NS	NS	NS
MW-11	05/21/22	NS	NS	NS	NS
MW-11	11/01/22	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-11	05/22/23	NS	NS	NS	NS
MW-11	11/10/23	NS	NS	NS	NS
MW-12	05/27/15	0.86 J	<5.0	<1.0	<5.0
MW-12	11/22/15	42	<5.0	11	9.5
MW-12	04/15/16	NS	NS	NS	NS
MW-12	10/11/16	NS	NS	NS	NS
MW-12	06/06/17	NS	NS	NS	NS
MW-12	11/10/17	NS	NS	NS	NS
MW-12	05/18/18	NS	NS	NS	NS
MW-12	10/25/18	NS	NS	NS	NS
MW-12	05/24/19	NS	NS	NS	NS
MW-12	11/13/19	14	<1.0	4.6	<10
MW-12	05/13/20	NS	NS	NS	NS
MW-12	11/14/20	NS	NS	NS	NS
MW-12	05/22/21	NS	NS	NS	NS
MW-12	11/14/21	<1.0	<1.0	<1.0	<10
MW-12	05/21/22	NS	NS	NS	NS
MW-12	11/01/22	<1.0	<1.0	<1.0	<10
MW-12	05/22/23	NS	NS	NS	NS
MW-12	11/10/23	NS	NS	NS	NS
MW-13	05/27/15	190	17	35	100
MW-13	11/22/15	260	9.6	33	38
MW-13	04/15/16	130	6.2	19	<5.0
MW-13	10/11/16	110	<10	14	11
MW-13	06/06/17	NS	NS	NS	NS
MW-13	11/10/17	21	1.6	12	<10
MW-13	05/18/18	23	1	5.8	<10
MW-13	10/25/18	25	<1.0	1.9	<10
DUP-01(MW-13)*	10/25/18	24	<1.0	1.9	<10
MW-13	05/24/19	350	8	1.7	53
MW-13	11/13/19	36	2.2	<1.0	<10
MW-13	05/13/20	63	4.6	<1.0	20
DUP-01(MW-13)*	05/13/20	240	26	2.4	130
MW-13	11/14/20	39	2.3	<1.0	<10
MW-13	05/22/21	14	<1.0	<1.0	<10
MW-13	11/14/21	30	4.0	<1.0	11
MW-13	05/21/22	97	23	<1.0	44
MW-13	11/01/22	45	<1.0	<1.0	<10
MW-13	05/22/23	330	3.0	3.6	<20

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
DUP-01(MW-13)*	05/22/23	340	3.1	3.7	<20
MW-13	11/10/23	290	16	2.7	26
DUP-01(MW-13)*	11/10/23	240	10	1.3	13
MW-14	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-14	11/22/15	<1.0	<5.0	<1.0	<5.0
MW-14	04/15/16	NS	NS	NS	NS
MW-14	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-14	06/06/17	NS	NS	NS	NS
MW-14	11/10/17	<1.0	<1.0	<1.0	<10
MW-14	05/18/18	<1.0	<1.0	<1.0	<10
MW-14	10/25/18	<1.0	<1.0	<1.0	<10
MW-14	05/24/19	<1.0	<1.0	<1.0	<10
MW-14	11/13/19	<1.0	<1.0	<1.0	<10
MW-14	05/13/20	<1.0	<1.0	<1.0	<10
MW-14	11/14/20	<1.0	<1.0	<1.0	<10
MW-14	05/22/21	<1.0	<1.0	<1.0	<10
MW-14	08/30/21	NS	NS	NS	NS
MW-14	11/14/21	<1.0	<1.0	<1.0	<10
MW-14	05/21/22	<1.0	<1.0	<1.0	<10
MW-14	11/01/22	<1.0	<1.0	<1.0	<10
MW-14	05/22/23	<1.0	<1.0	<1.0	<10
MW-14	11/10/23	<1.0	<1.0	<1.0	<10
MW-15	05/27/15	<1.0	<5.0	<1.0	<5.0
MW-15	11/22/15	<1.0	<5.0	<1.0	<5.0
MW-15	04/15/16	NS	NS	NS	NS
MW-15	10/11/16	<1.0	<5.0	<1.0	<5.0
MW-15	06/06/17	<1.0	<5.0	<1.0	<5.0
MW-15	11/10/17	<1.0	<1.0	<1.0	<10
MW-15	05/18/18	<1.0	<1.0	<1.0	<10
MW-15	10/25/18	<1.0	<1.0	<1.0	<10
MW-15	05/24/19	<1.0	<1.0	<1.0	<10
MW-15	11/13/19	<1.0	<1.0	<1.0	<10
MW-15	05/13/20	<1.0	<1.0	<1.0	<10
MW-15	11/14/20	<1.0	<1.0	<1.0	<10
MW-15	05/22/21	<1.0	<1.0	<1.0	<10
MW-15	08/30/21	NS	NS	NS	NS
MW-15	11/14/21	<1.0	<1.0	<1.0	<10
MW-15	05/21/22	<1.0	<1.0	<1.0	<10
MW-15	11/01/22	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-15	05/22/23	<1.0	<1.0	<1.0	<10
MW-15	11/10/23	<1.0	<1.0	<1.0	<10
MW-16	05/27/15	1.9	<5.0	<1.0	17
MW-16	11/22/15	190	9.9	4.1	96
MW-16	04/15/16	480	17	83	390
MW-16	10/11/16	82	14	16	140
MW-16	06/06/17	26	<5.0	4.3	13
MW-16	11/10/17	11	<1.0	<1.0	<10
MW-16	05/18/18	30	2.1	<1.0	23
MW-16	10/25/18	380	16	12	99
MW-16	05/24/19	48	3.1	2.7	33
MW-16	11/13/19	150	1.7	<1.0	11
MW-16	05/13/20	220	6.4	4.6	260
MW-16	11/14/20	3.4	<1.0	<1.0	23
MW-16	05/22/21	NS	NS	NS	NS
MW-16	11/14/21	NS	NS	NS	NS
MW-16	05/21/22	<1.0	<1.0	<1.0	<10
MW-16	11/01/22	<1.0	<1.0	<1.0	<10
MW-16	05/22/23	<1.0	<1.0	<1.0	<10
MW-16	11/10/23	69	2.3	<2.0	560
MW-17	05/27/15	88	<5.0	6.8	15
MW-17	11/22/15	9.9	<5.0	15	<5.0
MW-17	04/15/16	NS	NS	NS	NS
MW-17	10/11/16	NS	NS	NS	NS
MW-17	06/06/17	NS	NS	NS	NS
MW-17	11/10/17	NS	NS	NS	NS
MW-17	05/18/18	NS	NS	NS	NS
MW-17	10/25/18	NS	NS	NS	NS
MW-17	05/24/19	NS	NS	NS	NS
MW-17	11/13/19	2.0	<1.0	<1.0	<10
MW-17	05/13/20	NS	NS	NS	NS
MW-17	11/14/20	NS	NS	NS	NS
MW-17	05/22/21	3.4	<1.0	<1.0	<10
MW-17	11/14/21	<1.0	<1.0	<1.0	<10
MW-17	05/21/22	NS	NS	NS	NS
MW-17	11/01/22	1.1	<1.0	<1.0	<10
MW-17	05/22/23	NS	NS	NS	NS
MW-17	11/10/23	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-18	05/27/15	120	12	30	27
MW-18	11/22/15	470	<10	100	11
MW-18	04/15/16	110	<10	16	13
MW-18	10/11/16	840	<25	200	<25
MW-18	06/06/17	100	<5.0	43	17
MW-18	11/10/17	60	<1.0	37	<10
MW-18	05/18/18	21	1.3	5.3	<10
DUP-01(MW-18)*	05/18/18	10	<1.0	2.5	<10
MW-18	10/25/18	70	<1.0	11	<10
MW-18	05/24/19	<1.0	<1.0	<1.0	<10
MW-18	11/13/19	220	3.1	2.9	15
MW-18	05/13/20	48	<1.0	<1.0	<10
MW-18	11/14/20	<1.0	<1.0	<1.0	<10
MW-18	05/22/21	<1.0	<1.0	<1.0	<10
MW-18	08/30/21	NS	NS	NS	NS
MW-18	11/14/21	<1.0	<1.0	<1.0	<10
MW-18	05/21/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-18)*	05/21/22	<1.0	<1.0	<1.0	<10
MW-18	11/01/22	<1.0	<1.0	<1.0	<10
MW-18	05/22/23	3.8	<1.0	<1.0	<10
MW-18	11/10/23	2.6	<1.0	<1.0	<10
MW-19	05/27/15	12000	<100	410	200
MW-19	11/22/15	12000	<250	470	<250
MW-19	04/15/16	8400	<50	360	<50
MW-19	10/11/16	11000	<250	470	<250
MW-19	06/06/17	9000	<250	230	<250
MW-19	11/10/17	16	<1.0	17	<10
MW-19	05/18/18	6.3	<1.0	14	<10
MW-19	10/25/18	3.7	<1.0	6.3	<10
MW-19	05/24/19	3.9	<1.0	5.5	<10
DUP-01(MW-19)*	05/24/19	4.4	<1.0	6.5	<10
MW-19	11/13/19	4.3	<1.0	4.8	<10
MW-19	05/13/20	5.9	<1.0	3.8	<10
MW-19	11/14/20	3.9	<1.0	1.9	<10
MW-19	05/22/21	2.5	<1.0	<1.0	<10
MW-19	08/30/21	NS	NS	NS	NS
MW-19	11/14/21	2.6	<1.0	<1.0	<10
MW-19	05/21/22	2.9	<1.0	<1.0	<10
MW-19	11/01/22	3.1	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

State Gas Com N#1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-19	05/22/23	2.5	<1.0	<1.0	<10
MW-19	11/10/23	1.2	<1.0	<1.0	<10
MW-20	11/10/23	NS	NS	NS	NS
MW-21	11/10/23	10000	9700	230	2600
MW-22	11/10/23	3700	5400	98	770
MW-23	11/10/23	NS	NS	NS	NS

Notes:

The groundwater monitoring dates for each monitoring well where no groundwater samples were collected and analyzed have been omitted.

"µg/L" = micrograms per liter

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

"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result is an approximate value.

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

*Field Duplicate results presented immediately below primary sample result

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	10/17/95	6122.06	NR	76.08		6045.98
MW-1	12/03/96	6122.06	76.09	77.02	0.93	6045.74
MW-1	03/07/97	6122.06	76.12	77.20	1.08	6045.67
MW-1	01/16/01	6122.06	77.95	77.96	0.01	6044.11
MW-1	01/24/01	6122.06	78.27	78.28	0.01	6043.79
MW-1	01/31/01	6122.06	78.15	78.16	0.01	6043.91
MW-1	02/19/01	6122.06	78.18	78.19	0.01	6043.88
MW-1	03/05/01	6122.06	NR	78.34		6043.72
MW-1	06/05/01	6122.06	NR	77.71		6044.35
MW-1	06/15/01	6122.06	NR	77.83		6044.23
MW-1	07/13/01	6122.06	76.51	76.52	0.01	6045.55
MW-1	07/20/01	6122.06	76.46	76.47	0.01	6045.60
MW-1	08/01/01	6122.06	NR	77.22		6044.84
MW-1	08/08/01	6122.06	NR	76.37		6045.69
MW-1	08/16/01	6122.06	NR	76.35		6045.71
MW-1	08/20/01	6122.06	NR	76.28		6045.78
MW-1	09/05/01	6122.06	NR	76.20		6045.86
MW-1	09/19/01	6122.06	NR	76.14		6045.92
MW-1	09/26/01	6122.06	NR	76.09		6045.97
MW-1	10/03/01	6122.06	NR	76.06		6046.00
MW-1	10/11/01	6122.06	NR	76.04		6046.02
MW-1	01/23/02	6122.06	76.07	76.08	0.01	6045.99
MW-1	05/17/02	6122.06	NR	76.17		6045.89
MW-1	06/07/02	6122.06	NR	76.21		6045.85
MW-1	09/04/02	6122.06	76.20	76.21	0.01	6045.86
MW-1	12/17/02	6122.06	NR	76.63		6045.43
MW-1	06/26/03	6122.06	ND	75.76		6046.30
MW-1	09/14/03	6122.06	75.77	75.79	0.02	6046.29
MW-1	12/09/03	6122.06	ND	75.62		6046.44
MW-1	03/15/04	6122.06	ND	75.22		6046.84
MW-1	06/17/04	6122.06	ND	74.84		6047.22
MW-1	09/16/04	6122.06	ND	74.43		6047.63
MW-1	12/20/04	6122.06	ND	74.21		6047.85
MW-1	03/17/05	6122.06	ND	74.23		6047.84
MW-1	06/17/05	6122.06	ND	74.15		6047.91
MW-1	09/15/05	6122.06	ND	74.09		6047.97
MW-1	12/22/05	6122.06	ND	74.02		6048.04
MW-1	03/27/06	6122.06	ND	74.17		6047.89
MW-1	06/19/06	6122.06	ND	74.34		6047.72
MW-1	09/27/06	6122.06	ND	74.65		6047.41

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	12/20/06	6122.06	ND	74.81		6047.25
MW-1	03/28/07	6122.06	ND	75.07		6046.99
MW-1	06/14/07	6122.06	ND	75.09		6046.97
MW-1	09/18/07	6122.06	ND	74.92		6047.14
MW-1	12/17/07	6122.06	ND	74.79		6047.27
MW-1	03/05/08	6122.06	ND	74.63		6047.43
MW-1	06/12/08	6122.06	ND	74.52		6047.54
MW-1	09/08/08	6122.06	ND	74.55		6047.51
MW-1	12/03/08	6122.06	ND	74.62		6047.44
MW-1	03/10/09	6122.06	ND	74.56		6047.50
MW-1	06/03/09	6122.06	ND	74.59		6047.47
MW-1	08/26/09	6122.06	ND	74.76		6047.30
MW-1	11/05/09	6122.06	ND	74.66		6047.40
MW-1	02/11/10	6122.06	ND	74.77		6047.29
MW-1	05/21/10	6122.06	ND	75.10		6046.96
MW-1	09/29/10	6122.06	75.43	75.45	0.02	6046.63
MW-1	11/02/10	6122.06	ND	75.82		6046.24
MW-1	02/02/11	6122.06	ND	75.24		6046.82
MW-1	05/04/11	6122.06	ND	74.55		6047.51
MW-1	09/29/11	6122.06	ND	73.57		6048.49
MW-1	11/11/11	6122.06	ND	73.46		6048.60
MW-1	02/16/12	6122.06	ND	73.38		6048.68
MW-1	05/08/12	6122.06	ND	73.53		6048.53
MW-1	06/07/13	6122.06	ND	74.82		6047.24
MW-1	09/12/13	6122.06	ND	75.00		6047.06
MW-1	12/13/13	6122.06	ND	74.95		6047.11
MW-1	04/05/14	6122.06	ND	74.99		6047.07
MW-1	10/21/14	6122.06	ND	74.77		6047.29
MW-1	05/27/15	6122.06	ND	74.57		6047.49
MW-1	11/22/15	6122.06	ND	77.17		6044.89
MW-1	04/15/16	6122.06	ND	73.37		6048.69
MW-1	10/11/16	6122.06	ND	70.08		6051.98
MW-1	06/06/17	6122.06	ND	71.77		6050.29
MW-1	11/10/17	6122.06	ND	71.11		6050.95
MW-1	03/30/18	6122.06	ND	71.16		6050.90
MW-1	05/18/18	6122.06	ND	70.63		6051.43
MW-1	10/25/18	6122.06	ND	71.12		6050.94
MW-1	05/24/19	6122.06	ND	72.05		6050.01
MW-1	11/13/19	6122.06	ND	72.04		6050.02
MW-1	05/13/20	6122.06	ND	72.26		6049.80

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/14/20	6122.06	ND	72.72		6049.34
MW-1	05/22/21	6122.06	ND	73.44		6048.62
MW-1	08/30/21	6122.06	ND	73.72		6048.34
MW-1	11/14/21	6122.06	ND	74.04		6048.02
MW-1	05/21/22	6122.06	ND	74.45		6047.61
MW-1	11/01/22	6122.06	ND	75.00		6047.06
MW-1	03/27/23	6122.06	ND	75.47		6046.60
MW-1	05/22/23	6122.06	ND	75.51		6046.55
MW-1	08/29/23	6122.06	ND	75.38		6046.69
MW-1	11/10/23	6122.06	ND	74.83		6047.23
MW-2	12/07/95	6120.93	NR	75.50		6045.43
MW-2	12/03/96	6120.93	75.45	76.66	1.21	6045.17
MW-2	03/07/97	6120.93	75.51	76.88	1.37	6045.07
MW-2	01/16/01	6120.93	77.43	78.26	0.83	6043.29
MW-2	01/24/01	6120.93	78.72	79.06	0.34	6042.12
MW-2	01/30/01	6120.93	78.44	78.45	0.01	6042.48
MW-2	04/02/01	6120.93	NR	78.36		6042.57
MW-2	06/05/01	6120.93	NR	76.46		6044.47
MW-2	06/15/01	6120.93	NR	76.54		6044.39
MW-2	07/13/01	6120.93	NR	76.56		6044.37
MW-2	07/20/01	6120.93	NR	76.48		6044.45
MW-2	08/01/01	6120.93	NR	76.51		6044.42
MW-2	08/08/01	6120.93	NR	76.50		6044.43
MW-2	08/16/01	6120.93	NR	76.46		6044.47
MW-2	08/20/01	6120.93	NR	76.43		6044.50
MW-2	09/05/01	6120.93	NR	76.38		6044.55
MW-2	09/19/01	6120.93	NR	76.34		6044.59
MW-2	09/26/01	6120.93	NR	76.35		6044.58
MW-2	10/03/01	6120.93	NR	76.31		6044.62
MW-2	10/11/01	6120.93	NR	76.29		6044.64
MW-2	01/23/02	6120.93	76.07	76.08	0.01	6044.85
MW-2	05/17/02	6120.93	NR	76.17		6044.76
MW-2	06/07/02	6120.93	NR	76.21		6044.72
MW-2	09/04/02	6120.93	76.20	76.21	0.01	6044.72
MW-2	12/17/02	6120.93	NR	76.63		6044.30
MW-2	03/20/03	6120.93	76.28	76.32	0.04	6044.64
MW-2	06/26/03	6120.93	76.19	76.22	0.03	6044.73
MW-2	09/14/03	6120.93	76.31	76.35	0.04	6044.61
MW-2	12/09/03	6120.93	76.15	76.22	0.07	6044.76
MW-2	03/15/04	6120.93	76.07	76.14	0.07	6044.84

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	06/17/04	6120.93	75.93	75.98	0.05	6044.98
MW-2	09/16/04	6120.93	75.72	76.66	0.94	6044.97
MW-2	12/20/04	6120.93	75.46	75.50	0.04	6045.46
MW-2	03/17/05	6120.93	ND	75.37		6045.56
MW-2	06/17/05	6120.93	ND	75.72		6045.21
MW-2	09/15/05	6120.93	ND	75.38		6045.55
MW-2	12/22/05	6120.93	ND	75.41		6045.52
MW-2	03/27/06	6120.93	ND	75.42		6045.51
MW-2	06/19/06	6120.93	ND	75.56		6045.37
MW-2	09/27/06	6120.93	ND	75.85		6045.08
MW-2	12/20/06	6120.93	ND	75.92		6045.01
MW-2	03/28/07	6120.93	ND	76.12		6044.81
MW-2	06/14/07	6120.93	ND	76.29		6044.64
MW-2	09/18/07	6120.93	ND	76.24		6044.69
MW-2	12/17/07	6120.93	ND	76.22		6044.71
MW-2	03/05/08	6120.93	ND	76.13		6044.80
MW-2	06/12/08	6120.93	ND	76.12		6044.81
MW-2	09/08/08	6120.93	ND	76.10		6044.83
MW-2	12/03/08	6120.93	ND	76.15		6044.78
MW-2	03/10/09	6120.93	ND	76.13		6044.80
MW-2	06/03/09	6120.93	76.24	76.35	0.11	6044.66
MW-2	08/26/09	6120.93	76.36	76.43	0.07	6044.55
MW-2	11/05/09	6120.93	ND	76.58		6044.35
MW-2	02/11/10	6120.93	ND	76.52		6044.41
MW-2	05/21/10	6120.93	ND	76.70		6044.23
MW-2	09/29/10	6120.93	ND	76.88		6044.05
MW-2	11/02/10	6120.93	ND	76.98		6043.95
MW-2	02/02/11	6120.93	ND	76.83		6044.10
MW-2	05/04/11	6120.93	ND	76.69		6044.24
MW-2	09/29/11	6120.93	ND	76.18		6044.75
MW-2	11/11/11	6120.93	ND	76.13		6044.80
MW-2	02/16/12	6120.93	ND	75.92		6045.01
MW-2	05/08/12	6120.93	ND	75.98		6044.95
MW-2	06/07/13	6120.93	ND	76.88		6044.05
MW-2	09/12/13	6120.93	ND	77.07		6043.86
MW-2	12/13/13	6120.93	ND	77.08		6043.85
MW-2	04/05/14	6120.93	ND	77.08		6043.85
MW-2	10/21/14	6120.93	ND	77.18		6043.75
MW-2	05/27/15	6120.93	ND	77.05		6043.88
MW-2	11/22/15	6120.93	ND	76.90		6044.03

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	04/15/16	6120.93	ND	76.54		6044.39
MW-2	10/11/16	6120.93	ND	76.00		6044.93
MW-2	06/06/17	6120.93	ND	75.42		6045.51
MW-2	11/10/17	6120.93	ND	74.97		6045.96
MW-2	03/30/18	6120.93	ND	74.86		6046.07
MW-2	05/18/18	6120.93	ND	74.49		6046.44
MW-2	10/25/18	6120.93	ND	74.86		6046.07
MW-2	05/24/19	6120.93	ND	75.44		6045.49
MW-2	11/13/19	6120.93	ND	75.86		6045.07
MW-2	05/13/20	6120.93	ND	75.83		6045.10
MW-2	11/14/20	6120.93	ND	76.28		6044.65
MW-2	05/22/21	6120.93	ND	76.78		6044.15
MW-2	08/30/21	6120.93	77.02	77.03	0.01	6043.90
MW-2	11/14/21	6120.93	77.29	77.32	0.03	6043.63
MW-2	03/22/22	6120.93	77.49	77.51	0.02	6043.43
MW-2	05/21/22	6120.93	77.55	77.58	0.03	6043.37
MW-2	07/31/22	6120.93	77.85	77.90	0.05	6043.06
MW-2	11/01/22	6120.93	78.01	78.06	0.05	6042.90
MW-2	03/27/23	6120.93	78.36	78.41	0.05	6042.55
MW-2	05/22/23	6120.93	78.51	78.65	0.14	6042.38
MW-2	08/29/23	6120.93	78.63	78.70	0.07	6042.28
MW-2	11/10/23	6120.93	78.60	78.63	0.03	6042.32
MW-3	12/07/95	6120.42	NR	75.03		6045.39
MW-3	12/03/96	6120.42	75.26	76.10	0.84	6044.95
MW-3	03/07/97	6120.42	75.19	75.42	0.23	6045.17
MW-3	10/03/00	6120.42	76.97	77.12	0.15	6043.41
MW-3	12/20/00	6120.42	NR	77.00		6043.42
MW-3	01/10/01	6120.42	NR	76.90		6043.52
MW-3	02/19/01	6120.42	77.06	77.08	0.02	6043.35
MW-3	03/05/01	6120.42	77.17	77.20	0.03	6043.24
MW-3	04/02/01	6120.42	77.09	77.11	0.02	6043.32
MW-3	06/05/01	6120.42	NR	77.11		6043.31
MW-3	06/15/01	6120.42	76.44	76.50	0.06	6043.96
MW-3	07/13/01	6120.42	77.14	77.17	0.03	6043.27
MW-3	07/20/01	6120.42	77.13	77.14	0.01	6043.28
MW-3	08/01/01	6120.42	76.38	76.47	0.09	6044.01
MW-3	08/08/01	6120.42	NR	77.15		6043.27
MW-3	08/16/01	6120.42	NR	77.15		6043.27
MW-3	08/20/01	6120.42	NR	77.13		6043.29
MW-3	09/05/01	6120.42	NR	77.08		6043.34

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	09/19/01	6120.42	NR	77.11		6043.31
MW-3	09/26/01	6120.42	NR	77.10		6043.32
MW-3	10/03/01	6120.42	NR	77.08		6043.34
MW-3	10/11/01	6120.42	NR	77.09		6043.33
MW-3	11/21/01	6120.42	77.15	77.18	0.03	6043.26
MW-3	12/13/01	6120.42	77.10	77.12	0.02	6043.31
MW-3	12/21/01	6120.42	NR	76.88		6043.54
MW-3	12/28/01	6120.42	75.97	75.99	0.02	6044.44
MW-3	01/04/02	6120.42	NR	77.03		6043.39
MW-3	01/07/02	6120.42	77.14	77.15	0.01	6043.27
MW-3	01/23/02	6120.42	76.93	76.94	0.01	6043.48
MW-3	01/31/02	6120.42	77.00	77.01	0.01	6043.41
MW-3	02/07/02	6120.42	77.16	77.17	0.01	6043.25
MW-3	02/14/02	6120.42	77.02	77.03	0.01	6043.39
MW-3	02/20/02	6120.42	77.11	77.12	0.01	6043.30
MW-3	03/06/02	6120.42	NR	76.97		6043.45
MW-3	03/11/02	6120.42	NR	76.94		6043.48
MW-3	03/21/02	6120.42	NR	77.15		6043.27
MW-3	03/28/02	6120.42	NR	77.04		6043.38
MW-3	04/03/02	6120.42	75.95	75.99	0.04	6044.46
MW-3	04/12/02	6120.42	NR	77.15		6043.27
MW-3	04/19/02	6120.42	NR	77.09		6043.33
MW-3	04/25/02	6120.42	NR	77.08		6043.34
MW-3	05/03/02	6120.42	NR	77.18		6043.24
MW-3	05/10/02	6120.42	NR	77.12		6043.30
MW-3	05/17/02	6120.42	NR	77.10		6043.32
MW-3	06/07/02	6120.42	76.03	76.07	0.04	6044.38
MW-3	09/04/02	6120.42	NR	76.33		6044.09
MW-3	12/17/02	6120.42	75.81	75.85	0.04	6044.60
MW-3	03/20/03	6120.42	76.28	76.32	0.04	6044.13
MW-3	06/26/03	6120.42	76.19	76.22	0.03	6044.22
MW-3	09/14/03	6120.42	76.31	76.36	0.05	6044.09
MW-3	12/09/03	6120.42	76.15	76.22	0.07	6044.25
MW-3	03/15/04	6120.42	76.07	76.13	0.06	6044.33
MW-3	06/17/04	6120.42	75.98	76.02	0.04	6044.43
MW-3	09/16/04	6120.42	75.72	75.75	0.03	6044.69
MW-3	12/20/04	6120.42	75.46	75.50	0.04	6044.95
MW-3	03/17/05	6120.42	75.39	75.43	0.04	6045.02
MW-3	06/17/05	6120.42	ND	75.43		6044.99
MW-3	09/15/05	6120.42	ND	75.49		6044.93

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	12/22/05	6120.42	ND	75.51		6044.91
MW-3	03/27/06	6120.42	ND	75.54		6044.88
MW-3	06/19/06	6120.42	ND	75.63		6044.79
MW-3	09/27/06	6120.42	ND	75.88		6044.54
MW-3	12/20/06	6120.42	ND	75.77		6044.65
MW-3	03/28/07	6120.42	ND	75.92		6044.50
MW-3	06/14/07	6120.42	ND	76.29		6044.13
MW-3	09/18/07	6120.42	ND	76.21		6044.21
MW-3	12/17/07	6120.42	ND	75.20		6045.22
MW-3	03/05/08	6120.42	ND	76.10		6044.32
MW-3	06/12/08	6120.42	ND	76.22		6044.20
MW-3	09/08/08	6120.42	ND	76.14		6044.28
MW-3	12/03/08	6120.42	ND	76.23		6044.19
MW-3	03/10/09	6120.42	ND	76.20		6044.22
MW-3	06/03/09	6120.42	ND	76.43		6043.99
MW-3	08/26/09	6120.42	ND	76.38		6044.04
MW-3	11/05/09	6120.42	ND	76.53		6043.89
MW-3	02/11/10	6120.42	ND	76.41		6044.01
MW-3	05/21/10	6120.42	ND	76.60		6043.82
MW-3	09/29/10	6120.42	ND	76.80		6043.62
MW-3	11/02/10	6120.42	ND	76.97		6043.45
MW-3	02/02/11	6120.42	ND	76.85		6043.57
MW-3	05/04/11	6120.42	ND	76.81		6043.61
MW-3	09/29/11	6120.42	76.39	76.41	0.02	6044.02
MW-3	11/11/11	6120.42	ND	76.49		6043.93
MW-3	02/16/12	6120.42	ND	76.33		6044.09
MW-3	05/08/12	6120.42	ND	76.35		6044.07
MW-3	06/07/13	6120.42	ND	76.91		6043.51
MW-3	09/12/13	6120.42	ND	77.10		6043.32
MW-3	12/13/13	6120.42	ND	77.09		6043.33
MW-3	04/05/14	6120.42	ND	77.07		6043.35
MW-3	10/21/14	6120.42	ND	77.24		6043.18
MW-3	05/27/15	6120.42	ND	77.12		6043.30
MW-3	11/22/15	6120.42	ND	77.08		6043.34
MW-3	04/15/16	6120.42	ND	76.73		6043.69
MW-3	10/11/16	6120.42	76.36	76.61	0.25	6043.99
MW-3	06/06/17	6120.42	ND	75.95		6044.47
MW-3	11/10/17	6120.42	ND	75.57		6044.85
MW-3	03/30/18	6120.42	ND	75.46		6044.96
MW-3	05/02/18	6120.42	ND	74.14		6046.28

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	05/18/18	6120.42	ND	75.17		6045.25
MW-3	10/25/18	6120.42	ND	75.55		6044.87
MW-3	05/24/19	6120.42	ND	76.08		6044.34
MW-3	11/13/19	6120.42	ND	76.34		6044.08
MW-3	05/13/20	6120.42	ND	76.49		6043.93
MW-3	11/14/20	6120.42	ND	76.78		6043.64
MW-3	05/22/21	6120.42	77.17	77.18	0.01	6043.24
MW-3	08/30/21	6120.42	77.34	77.35	0.01	6043.07
MW-3	11/14/21	6120.42	77.55	77.62	0.07	6042.85
MW-3	03/22/22	6120.42	77.70	77.75	0.05	6042.70
MW-3	05/21/22	6120.42	77.72	77.74	0.02	6042.69
MW-3	07/31/22	6120.42	78.04	78.07	0.03	6042.37
MW-3	11/01/22	6120.42	78.13	78.16	0.03	6042.28
MW-3	03/27/23	6120.42	78.40	78.62	0.22	6041.96
MW-3	05/22/23	6120.42	78.53	78.83	0.30	6041.81
MW-3	08/29/23	6120.42	78.61	79.01	0.40	6041.71
MW-3	11/10/23	6120.42	78.62	78.94	0.32	6041.72
MW-4	12/07/95	6121.01	NR	75.81		6045.20
MW-4	12/03/96	6121.01	75.48	75.80	0.32	6045.45
MW-4	03/07/97	6121.01	NR	75.92		6045.09
MW-4	06/05/01	6121.01	NR	76.48		6044.53
MW-4	07/13/01	6121.01	NR	76.59		6044.42
MW-4	08/16/01	6121.01	NR	76.48		6044.53
MW-4	09/10/01	6121.01	NR	76.45		6044.56
MW-4	12/04/01	6121.01	NR	77.29		6043.72
MW-4	01/07/02	6121.01	76.30	76.31	0.01	6044.71
MW-4	01/23/02	6121.01	75.95	75.96	0.01	6045.06
MW-4	01/31/02	6121.01	76.01	76.02	0.01	6045.00
MW-4	02/07/02	6121.01	76.21	76.22	0.01	6044.80
MW-4	02/14/02	6121.01	76.05	76.06	0.01	6044.96
MW-4	02/20/02	6121.01	76.09	76.10	0.01	6044.92
MW-4	05/17/02	6121.01	NR	76.11		6044.90
MW-4	09/04/02	6121.01	NR	76.28		6044.74
MW-4	12/17/02	6121.01	NR	76.04		6044.97
MW-4	06/26/03	6121.01	ND	76.24		6044.77
MW-4	09/14/03	6121.01	ND	76.28		6044.73
MW-4	12/09/03	6121.01	ND	76.07		6044.94
MW-4	03/15/04	6121.01	ND	76.05		6044.96
MW-4	06/17/04	6121.01	ND	75.86		6045.15
MW-4	09/16/04	6121.01	ND	75.54		6045.47

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	12/20/04	6121.01	ND	75.40		6045.61
MW-4	03/17/05	6121.01	ND	75.27		6045.75
MW-4	06/17/05	6121.01	ND	75.32		6045.69
MW-4	09/15/05	6121.01	ND	75.26		6045.75
MW-4	12/22/05	6121.01	ND	75.34		6045.67
MW-4	03/27/06	6121.01	ND	75.31		6045.70
MW-4	06/19/06	6121.01	ND	75.46		6045.55
MW-4	09/27/06	6121.01	ND	75.80		6045.21
MW-4	12/20/06	6121.01	ND	75.70		6045.31
MW-4	03/28/07	6121.01	ND	75.89		6045.12
MW-4	06/14/07	6121.01	ND	76.22		6044.79
MW-4	09/18/07	6121.01	ND	76.27		6044.74
MW-4	12/17/07	6121.01	ND	76.13		6044.88
MW-4	03/05/08	6121.01	ND	75.99		6045.02
MW-4	06/12/08	6121.01	ND	76.03		6044.98
MW-4	09/08/08	6121.01	ND	75.99		6045.02
MW-4	12/03/08	6121.01	76.04	76.08	0.04	6044.96
MW-4	03/10/09	6121.01	ND	76.23		6044.78
MW-4	06/03/09	6121.01	ND	76.30		6044.71
MW-4	08/26/09	6121.01	ND	76.62		6044.39
MW-4	11/05/09	6121.01	ND	76.47		6044.54
MW-4	02/11/10	6121.01	ND	76.32		6044.69
MW-4	05/21/10	6121.01	ND	76.58		6044.43
MW-4	09/29/10	6121.01	ND	76.85		6044.16
MW-4	11/02/10	6121.01	ND	77.07		6043.94
MW-4	02/02/11	6121.01	ND	76.80		6044.21
MW-4	05/04/11	6121.01	ND	76.78		6044.23
MW-4	09/29/11	6121.01	ND	76.27		6044.74
MW-4	11/11/11	6121.01	ND	76.25		6044.76
MW-4	02/16/12	6121.01	ND	76.97		6044.04
MW-4	05/08/12	6121.01	ND	76.03		6044.98
MW-4	06/07/13	6121.01	ND	76.87		6044.14
MW-4	09/12/13	6121.01	ND	77.08		6043.93
MW-4	12/13/13	6121.01	ND	77.11		6043.90
MW-4	04/05/14	6121.01	ND	77.06		6043.95
MW-4	10/21/14	6121.01	ND	77.20		6043.81
MW-4	05/27/15	6121.01	ND	77.12		6043.89
MW-4	11/22/15	6121.01	ND	77.06		6043.95
MW-4	04/15/16	6121.01	ND	76.67		6044.34
MW-4	10/11/16	6121.01	ND	76.30		6044.71

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	06/06/17	6121.01	ND	75.69		6045.32
MW-4	11/10/17	6121.01	ND	75.31		6045.70
MW-4	03/30/18	6121.01	ND	75.08		6045.93
MW-4	05/02/18	6121.01	ND	73.72		6047.29
MW-4	05/18/18	6121.01	74.78	74.98	0.20	6046.18
MW-4	10/25/18	6121.01	75.07	75.08	0.01	6045.94
MW-4	05/24/19	6121.01	75.33	75.55	0.22	6045.63
MW-4	11/13/19	6121.01	75.86	75.99	0.13	6045.12
MW-4	05/13/20	6121.01	76.10	76.15	0.05	6044.90
MW-4	08/18/20	6121.01	74.34	74.35	0.01	6046.67
MW-4	11/14/20	6121.01	76.35	76.37	0.02	6044.66
MW-4	03/17/21	6121.01	ND	76.60		6044.41
MW-4	05/22/21	6121.01	76.80	76.82	0.02	6044.21
MW-4	08/30/21	6121.01	77.02	77.07	0.05	6043.98
MW-4	11/14/21	6121.01	77.28	77.30	0.02	6043.73
MW-4	03/22/22	6121.01	77.41	77.46	0.05	6043.59
MW-4	05/21/22	6121.01	77.49	77.52	0.03	6043.51
MW-4	07/31/22	6121.01	77.75	77.78	0.03	6043.25
MW-4	11/01/22	6121.01	77.85	77.90	0.05	6043.15
MW-4	03/27/23	6121.01	78.12	78.16	0.04	6042.88
MW-4	05/22/23	6121.01	78.31	78.38	0.07	6042.68
MW-4	08/29/23	6121.01	78.37	78.41	0.04	6042.63
MW-4	11/10/23	6121.01	78.24	78.26	0.02	6042.77
MW-5	08/30/00	6117.88	NR	74.19		6043.69
MW-5	06/05/01	6117.88	NR	74.26		6043.62
MW-5	07/13/01	6117.88	NR	74.34		6043.54
MW-5	08/16/01	6117.88	NR	74.29		6043.59
MW-5	09/10/01	6117.88	NR	74.30		6043.58
MW-5	05/17/02	6117.88	NR	74.15		6043.73
MW-5	09/04/02	6117.88	NR	74.24		6043.64
MW-5	12/17/02	6117.88	NR	73.78		6044.10
MW-5	06/26/03	6117.88	ND	74.27		6043.61
MW-5	09/14/03	6117.88	ND	74.42		6043.46
MW-5	12/09/03	6117.88	ND	74.25		6043.63
MW-5	03/15/04	6117.88	ND	74.23		6043.65
MW-5	06/17/04	6117.88	ND	74.21		6043.67
MW-5	09/16/04	6117.88	ND	74.00		6043.88
MW-5	12/20/04	6117.88	ND	73.83		6044.05
MW-5	03/17/05	6117.88	ND	73.76		6044.12
MW-5	06/17/05	6117.88	ND	73.81		6044.07

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	09/15/05	6117.88	ND	73.80		6044.08
MW-5	12/22/05	6117.88	ND	73.93		6043.95
MW-5	03/27/06	6117.88	ND	73.94		6043.94
MW-5	06/19/06	6117.88	ND	73.98		6043.90
MW-5	09/27/06	6117.88	ND	74.20		6043.68
MW-5	12/20/06	6117.88	ND	74.00		6043.88
MW-5	03/28/07	6117.88	ND	74.17		6043.71
MW-5	06/14/07	6117.88	ND	74.39		6043.49
MW-5	09/18/07	6117.88	ND	74.46		6043.42
MW-5	12/17/07	6117.88	ND	74.41		6043.47
MW-5	03/05/08	6117.88	ND	74.36		6043.52
MW-5	06/12/08	6117.88	ND	74.53		6043.35
MW-5	09/08/08	6117.88	ND	74.47		6043.41
MW-5	12/03/08	6117.88	ND	74.54		6043.34
MW-5	03/10/09	6117.88	ND	74.53		6043.35
MW-5	06/03/09	6117.88	74.65	74.67	0.02	6043.22
MW-5	08/26/09	6117.88	ND	76.44		6041.44
MW-5	11/05/09	6117.88	ND	74.83		6043.05
MW-5	02/11/10	6117.88	74.64	74.66	0.02	6043.23
MW-5	05/21/10	6117.88	74.95	75.00	0.05	6042.91
MW-5	09/29/10	6117.88	74.84	75.20	0.36	6042.95
MW-5	11/02/10	6117.88	76.32	76.67	0.35	6041.47
MW-5	02/02/11	6117.88	75.16	75.53	0.37	6042.62
MW-5	05/04/11	6117.88	77.50	77.53	0.03	6040.37
MW-5	09/29/11	6117.88	74.69	75.09	0.40	6043.09
MW-5	11/11/11	6117.88	74.90	75.18	0.28	6042.91
MW-5	02/16/12	6117.88	74.82	74.99	0.17	6043.01
MW-5	05/08/12	6117.88	ND	74.77		6043.11
MW-5	06/07/13	6117.88	75.16	75.25	0.09	6042.69
MW-5	09/12/13	6117.88	75.34	75.52	0.18	6042.49
MW-5	12/13/13	6117.88	75.30	75.52	0.22	6042.52
MW-5	04/05/14	6117.88	75.28	75.54	0.26	6042.53
MW-5	10/21/14	6117.88	75.44	75.44	0.00	6042.44
MW-5	05/27/15	6117.88	75.44	75.45	0.01	6042.43
MW-5	11/22/15	6117.88	75.46	75.47	0.01	6042.41
MW-5	04/15/16	6117.88	75.23	75.57	0.34	6042.56
MW-5	10/11/16	6117.88	74.53	75.03	0.50	6043.22
MW-5	06/06/17	6117.88	ND	74.72		6043.16
MW-5	11/10/17	6117.88	ND	74.44		6043.44
MW-5	03/30/18	6117.88	ND	74.37		6043.51

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	05/18/18	6117.88	ND	74.11		6043.77
MW-5	10/25/18	6117.88	ND	74.56		6043.32
MW-5	05/24/19	6117.88	ND	74.92		6042.96
MW-5	11/13/19	6117.88	ND	75.18		6042.70
MW-5	05/13/20	6117.88	ND	75.30		6042.58
MW-5	11/14/20	6117.88	ND	75.54		6042.34
MW-5	05/22/21	6117.88	ND	75.87		6042.01
MW-5	08/30/21	6117.88	ND	76.00		6041.88
MW-5	11/14/21	6117.88	ND	76.21		6041.67
MW-5	05/21/22	6117.88	ND	76.26		6041.62
MW-5	11/01/22	6117.88	ND	76.60		6041.28
MW-5	05/22/23	6117.88	ND	77.00		6040.88
MW-5	08/29/23	6117.88	ND	77.10		6040.78
MW-5	11/10/23	6117.88	ND	77.12		6040.76
MW-6	12/20/01	6113.73	NR	NR		NR
MW-6	12/28/01	6113.73	NR	NR		NR
MW-6	03/06/02	6113.73	70.64	72.09	1.45	6042.72
MW-6	03/11/02	6113.73	71.38	71.95	0.57	6042.20
MW-6	03/21/02	6113.73	71.17	71.44	0.27	6042.49
MW-6	04/03/02	6113.73	71.04	71.06	0.02	6042.68
MW-6	05/17/02	6113.73	70.97	71.04	0.07	6042.74
MW-6	09/04/02	6113.73	71.05	71.28	0.23	6042.62
MW-6	12/17/02	6113.73	71.03	71.06	0.03	6042.69
MW-6	03/20/03	6113.73	70.90	71.43	0.53	6042.69
MW-6	06/26/03	6113.73	71.04	71.66	0.62	6042.53
MW-6	09/14/03	6113.73	71.04	72.25	1.21	6042.38
MW-6	12/09/03	6113.73	71.10	71.75	0.65	6042.46
MW-6	03/15/04	6113.73	71.11	71.74	0.63	6042.46
MW-6	06/17/04	6113.73	71.11	71.68	0.57	6042.47
MW-6	09/16/04	6113.73	71.05	71.79	0.74	6042.49
MW-6	12/20/04	6113.73	71.05	72.09	1.04	6042.42
MW-6	03/17/05	6113.73	70.96	71.79	0.83	6042.56
MW-6	06/17/05	6113.73	71.05	72.05	1.00	6042.43
MW-6	09/15/05	6113.73	71.04	72.14	1.10	6042.41
MW-6	12/22/05	6113.73	71.30	72.22	0.92	6042.20
MW-6	03/27/06	6113.73	71.02	72.10	1.08	6042.44
MW-6	06/19/06	6113.73	71.34	72.33	0.99	6042.14
MW-6	07/21/06	6113.73	71.54	72.44	0.90	6041.96
MW-6	08/24/06	6113.73	71.54	72.42	0.88	6041.97
MW-6	09/27/06	6113.73	71.57	72.37	0.80	6041.96

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	10/22/06	6113.73	71.53	72.35	0.82	6041.99
MW-6	11/07/06	6113.73	71.66	72.43	0.77	6041.87
MW-6	12/20/06	6113.73	71.60	72.41	0.81	6041.92
MW-6	01/16/07	6113.73	71.62	72.45	0.83	6041.90
MW-6	02/26/07	6113.73	71.65	72.41	0.76	6041.89
MW-6	03/26/07	6113.73	71.76	72.50	0.74	6041.78
MW-6	03/28/07	6113.73	ND	72.39		6041.34
MW-6	04/30/07	6113.73	71.77	72.49	0.72	6041.78
MW-6	05/24/07	6113.73	71.91	72.50	0.59	6041.67
MW-6	06/14/07	6113.73	71.83	72.42	0.59	6041.75
MW-6	07/31/07	6113.73	71.83	72.49	0.66	6041.73
MW-6	08/29/07	6113.73	71.82	72.47	0.65	6041.74
MW-6	09/18/07	6113.73	71.82	72.43	0.61	6041.75
MW-6	10/31/07	6113.73	72.12	72.40	0.28	6041.54
MW-6	11/30/07	6113.73	72.02	72.27	0.25	6041.64
MW-6	12/17/07	6113.73	72.11	72.18	0.07	6041.60
MW-6	01/23/08	6113.73	71.96	72.13	0.17	6041.72
MW-6	03/05/08	6113.73	71.94	71.95	0.01	6041.78
MW-6	04/15/08	6113.73	ND	72.09		6041.64
MW-6	05/08/08	6113.73	ND	71.94		6041.79
MW-6	06/12/08	6113.73	ND	72.02		6041.71
MW-6	07/17/08	6113.73	ND	72.07		6041.66
MW-6	08/12/08	6113.73	ND	72.02		6041.71
MW-6	09/08/08	6113.73	71.91	71.92	0.01	6041.81
MW-6	10/09/08	6113.73	ND	71.97		6041.76
MW-6	11/07/08	6113.73	ND	71.98		6041.75
MW-6	12/03/08	6113.73	ND	72.00		6041.73
MW-6	01/16/09	6113.73	ND	72.15		6041.58
MW-6	02/06/09	6113.73	ND	72.09		6041.64
MW-6	03/10/09	6113.73	ND	71.92		6041.81
MW-6	04/01/09	6113.73	ND	71.84		6041.89
MW-6	05/01/09	6113.73	ND	72.00		6041.73
MW-6	06/03/09	6113.73	ND	72.06		6041.67
MW-6	08/26/09	6113.73	ND	73.02		6040.71
MW-6	11/05/09	6113.73	ND	72.18		6041.55
MW-6	02/11/10	6113.73	ND	72.13		6041.60
MW-6	05/21/10	6113.73	ND	72.20		6041.53
MW-6	09/29/10	6113.73	ND	72.15		6041.58
MW-6	11/02/10	6113.73	ND	73.07		6040.66
MW-6	02/02/11	6113.73	ND	72.25		6041.48

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	05/04/11	6113.73	ND	72.32		6041.41
MW-6	09/29/11	6113.73	ND	72.30		6041.43
MW-6	11/11/11	6113.73	ND	72.78		6040.95
MW-6	02/16/12	6113.73	ND	72.29		6041.44
MW-6	05/08/12	6113.73	ND	72.37		6041.36
MW-6	06/07/13	6113.73	ND	72.51		6041.22
MW-6	09/12/13	6113.73	ND	72.40		6041.33
MW-6	12/13/13	6113.73	ND	72.63		6041.10
MW-6	04/05/14	6113.73	ND	72.64		6041.09
MW-6	10/21/14	6113.73	ND	72.86		6040.87
MW-6	05/27/15	6113.73	ND	72.90		6040.83
MW-6	11/22/15	6113.73	ND	72.97		6040.76
MW-6	04/15/16	6113.73	ND	72.94		6040.79
MW-6	10/11/16	6113.73	ND	73.04		6040.69
MW-6	06/06/17	6113.73	ND	72.75		6040.98
MW-6	11/10/17	6113.73	ND	72.72		6041.01
MW-6	03/30/18	6113.73	ND	72.91		6040.82
MW-6	05/18/18	6113.73	ND	72.60		6041.13
MW-6	10/25/18	6113.73	ND	72.73		6041.00
MW-6	05/24/19	6113.73	ND	72.85		6040.88
MW-6	11/13/19	6113.73	ND	73.08		6040.65
MW-6	05/13/20	6113.73	ND	73.17		6040.56
MW-6	11/14/20	6113.73	ND	73.43		6040.30
MW-6	05/22/21	6113.73	ND	73.53		6040.20
MW-6	08/30/21	6113.73	ND	73.64		6040.09
MW-6	11/14/21	6113.73	ND	73.78		6039.95
MW-6	05/21/22	6113.73	ND	73.82		6039.91
MW-6	11/01/22	6113.73	ND	74.01		6039.72
MW-6	05/22/23	6113.73	ND	74.28		6039.45
MW-6	11/10/23	6113.73	ND	74.42		6039.31
MW-7	12/20/06	6121.89	ND	74.38		6047.51
MW-7	03/28/07	6121.89	ND	74.51		6047.38
MW-7	06/14/07	6121.89	ND	74.47		6047.42
MW-7	09/18/07	6121.89	ND	74.22		6047.67
MW-7	12/17/07	6121.89	ND	74.12		6047.77
MW-7	03/05/08	6121.89	ND	73.90		6047.99
MW-7	04/15/08	6121.89	ND	72.82		6049.07
MW-7	06/12/08	6121.89	ND	73.77		6048.12
MW-7	09/08/08	6121.89	73.75	73.76	0.01	6048.13
MW-7	12/03/08	6121.89	ND	73.92		6047.97

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-7	03/10/09	6121.89	ND	73.83		6048.06
MW-7	06/03/09	6121.89	ND	73.85		6048.04
MW-7	08/25/09	6121.89	NA	NA		0.00
MW-7	08/26/09	6121.89	ND	73.63		6048.26
MW-7	11/05/09	6121.89	ND	73.92		6047.97
MW-7	02/11/10	6121.89	ND	73.91		6047.98
MW-7	05/21/10	6121.89	ND	74.28		6047.61
MW-7	09/29/10	6121.89	ND	74.57		6047.32
MW-7	11/02/10	6121.89	ND	74.76		6047.13
MW-7	02/02/11	6121.89	ND	73.95		6047.94
MW-7	05/04/11	6121.89	ND	73.00		6048.89
MW-7	09/29/11	6121.89	ND	71.93		6049.96
MW-7	11/11/11	6121.89	ND	71.90		6049.99
MW-7	02/16/12	6121.89	ND	71.85		6050.04
MW-7	05/08/12	6121.89	ND	72.94		6048.95
MW-7	06/07/13	Well Destroyed				
MW-9	12/20/06	6109.56	ND	67.56		6042.00
MW-9	03/28/07	6109.56	ND	67.72		6041.84
MW-9	06/14/07	6109.56	ND	67.97		6041.59
MW-9	09/18/07	6109.56	ND	68.10		6041.46
MW-9	12/17/07	6109.56	ND	68.07		6041.49
MW-9	03/05/08	6109.56	ND	68.04		6041.52
MW-9	04/15/08	6109.56	ND	68.03		6041.53
MW-9	06/12/08	6109.56	ND	68.27		6041.29
MW-9	09/08/08	6109.56	ND	68.25		6041.31
MW-9	12/03/08	6109.56	ND	68.26		6041.30
MW-9	03/10/09	6109.56	ND	68.28		6041.28
MW-9	06/03/09	6109.56	ND	68.44		6041.12
MW-9	08/26/09	6109.56	ND	68.40		6041.16
MW-9	11/05/09	6109.56	ND	68.62		6040.94
MW-9	02/11/10	6109.56	ND	68.30		6041.26
MW-9	05/21/10	6109.56	ND	68.42		6041.14
MW-9	09/29/10	6109.56	ND	68.47		6041.09
MW-9	11/02/10	6109.56	ND	68.73		6040.83
MW-9	02/02/11	6109.56	ND	68.60		6040.96
MW-9	05/04/11	6109.56	ND	68.74		6040.82
MW-9	09/29/11	6109.56	ND	68.67		6040.89
MW-9	11/11/11	6109.56	ND	68.65		6040.91
MW-9	02/16/12	6109.56	ND	68.60		6040.96
MW-9	05/08/12	6109.56	ND	68.62		6040.94

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-9	06/07/13	6109.56	ND	68.99		6040.57
MW-9	09/12/13	6109.56	ND	69.18		6040.38
MW-9	12/13/13	6109.56	ND	69.04		6040.52
MW-9	04/05/14	6109.56	ND	69.02		6040.54
MW-9	10/21/14	6109.56	ND	69.30		6040.26
MW-9	05/27/15	6109.56	ND	69.44		6040.12
MW-9	11/22/15	6109.56	ND	69.58		6039.98
MW-9	04/15/16	6109.56	ND	69.44		6040.12
MW-9	10/11/16	6109.56	ND	69.34		6040.22
MW-9	06/06/17	6109.56	ND	69.36		6040.20
MW-9	11/10/17	6109.56	ND	69.34		6040.22
MW-9	03/30/18	6109.56	ND	69.38		6040.18
MW-9	05/18/18	6109.56	ND	69.15		6040.41
MW-9	10/25/18	6109.56	ND	69.39		6040.17
MW-9	05/24/19	6109.56	ND	69.61		6039.95
MW-9	11/13/19	6109.56	ND	69.69		6039.87
MW-9	05/13/20	6109.56	ND	69.75		6039.81
MW-9	11/14/20	6109.56	ND	69.83		6039.73
MW-9	05/22/21	6109.56	ND	70.15		6039.41
MW-9	08/30/21	6109.56	ND	70.32		6039.24
MW-9	11/14/21	6109.56	ND	70.53		6039.03
MW-9	05/21/22	6109.56	ND	70.44		6039.12
MW-9	11/01/22	6109.56	ND	70.56		6039.00
MW-9	05/22/23	6109.56	ND	70.86		6038.70
MW-9	11/10/23	6109.56	ND	70.95		6038.61
MW-10	05/27/15	6123.78	71.78	71.94	0.16	6051.96
MW-10	11/22/15	6123.78	71.11	71.29	0.18	6052.63
MW-10	04/15/16	6123.78	ND	70.62		6053.16
MW-10	10/11/16	6123.78	ND	69.85		6053.93
MW-10	06/06/17	6123.78	ND	68.99		6054.79
MW-10	11/10/17	6123.78	ND	68.44		6055.34
MW-10	03/30/18	6124.78	ND	68.85		6055.93
MW-10	05/02/18	6124.78	ND	68.74		6056.04
MW-10	05/18/18	6123.78	ND	68.77		6055.01
MW-10	10/25/18	6123.78	ND	69.42		6054.36
MW-10	05/24/19	6123.78	ND	70.22		6053.56
MW-10	11/13/19	6123.78	ND	70.17		6053.61
MW-10	05/13/20	6123.78	ND	70.40		6053.38
MW-10	11/14/20	6123.78	ND	70.84		6052.94
MW-10	05/22/21	6123.78	71.43	71.45	0.02	6052.35

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-10	08/30/21	6123.78	70.71	70.73	0.02	6053.07
MW-10	11/14/21	6123.78	71.98	72.09	0.11	6051.77
MW-10	03/22/22	6123.78	72.22	72.25	0.03	6051.55
MW-10	05/21/22	6123.78	72.37	72.44	0.07	6051.39
MW-10	07/31/22	6123.78	72.67	72.83	0.16	6051.07
MW-10	11/01/22	6123.78	72.87	73.04	0.17	6050.87
MW-10	03/27/23	6123.78	73.30	73.52	0.22	6050.43
MW-10	05/22/23	6123.78	73.34	73.46	0.12	6050.41
MW-10	08/29/23	6123.78	ND	72.56		6051.22
MW-10	11/10/23	6123.78	ND	71.92		6051.86
MW-11	05/27/15	6121.55	75.01	75.02	0.01	6046.54
MW-11	11/22/15	6121.55	74.59	74.61	0.02	6046.96
MW-11	04/15/16	6121.55	74.33	75.11	0.78	6047.03
MW-11	10/11/16	6121.55	73.66	73.79	0.13	6047.86
MW-11	06/06/17	6123.78	ND	73.03		6050.75
MW-11	11/10/17	6123.78	ND	72.91		6050.87
MW-11	03/30/18	6124.78	ND	72.32		6052.46
MW-11	05/02/18	6124.78	ND	72.35		6052.43
MW-11	05/18/18	6123.78	ND	72.10		6051.68
MW-11	10/25/18	6121.55	ND	72.55		6049.00
MW-11	05/24/19	6121.55	ND	73.10		6048.45
MW-11	11/13/19	6121.55	ND	73.48		6048.07
MW-11	05/13/20	6121.55	ND	73.80		6047.75
MW-11	11/14/20	6121.55	ND	74.24		6047.31
MW-11	05/22/21	6121.55	74.70	74.80	0.10	6046.83
MW-11	08/30/21	6121.55	74.91	74.99	0.08	6046.62
MW-11	11/14/21	6121.55	75.14	75.26	0.12	6046.38
MW-11	03/22/22	6121.55	75.39	75.48	0.09	6046.14
MW-11	05/21/22	6121.55	75.54	75.64	0.10	6045.99
MW-11	07/31/22	6121.55	75.87	75.98	0.11	6045.65
MW-11	11/01/22	6121.55	75.96	76.03	0.07	6045.57
MW-11	03/27/23	6121.55	76.32	76.43	0.11	6045.20
MW-11	05/22/23	6121.55	76.59	76.67	0.08	6044.94
MW-11	08/29/23	6121.55	76.66	76.76	0.10	6044.87
MW-11	11/10/23	6121.55	76.60	76.65	0.05	6044.94
MW-12	05/27/15	6118.17	ND	86.28		6031.89
MW-12	11/22/15	6118.17	ND	85.20		6032.97
MW-12	04/15/16	6118.17	ND	84.49		6033.68
MW-12	10/11/16	6118.17	ND	83.46		6034.71

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-12	06/06/17	6118.17	ND	82.13		6036.04
MW-12	11/10/17	6118.17	ND	81.34		6036.83
MW-12	03/30/18	6118.17	ND	80.55		6037.62
MW-12	05/18/18	6118.17	ND	80.30		6037.87
MW-12	10/25/18	6118.17	ND	79.40		6038.77
MW-12	05/24/19	6118.17	ND	78.95		6039.22
MW-12	11/13/19	6118.17	ND	78.25		6039.92
MW-12	05/13/20	6118.17	ND	77.86		6040.31
MW-12	11/14/20	6118.17	ND	77.55		6040.62
MW-12	05/22/21	6118.17	ND	77.28		6040.89
MW-12	08/30/21	6118.17	ND	77.18		6040.99
MW-12	11/14/21	6118.17	ND	77.21		6040.96
MW-12	05/21/22	6118.17	ND	77.18		6040.99
MW-12	11/01/22	6118.17	ND	77.15		6041.02
MW-12	05/22/23	6118.17	ND	77.37		6040.80
MW-12	11/10/23	6118.17	ND	77.39		6040.78
MW-13	05/27/15	6115.52	ND	83.66		6031.86
MW-13	11/22/15	6115.52	ND	81.40		6034.12
MW-13	04/15/16	6115.52	ND	80.14		6035.38
MW-13	10/11/16	6115.52	ND	79.19		6036.33
MW-13	06/06/17	6115.52	ND	78.03		6037.49
MW-13	11/10/17	6115.52	ND	77.66		6037.86
MW-13	03/30/18	6115.52	ND	77.55		6037.97
MW-13	05/18/18	6115.52	ND	77.72		6037.80
MW-13	10/25/18	6115.52	ND	77.49		6038.03
MW-13	05/24/19	6115.52	ND	77.51		6038.01
MW-13	11/13/19	6115.52	ND	77.44		6038.08
MW-13	05/13/20	6115.52	ND	77.43		6038.09
MW-13	11/14/20	6115.52	ND	77.44		6038.08
MW-13	05/22/21	6115.52	ND	77.63		6037.89
MW-13	08/30/21	6115.52	ND	77.72		6037.80
MW-13	11/14/21	6115.52	ND	77.75		6037.77
MW-13	05/21/22	6115.52	ND	77.80		6037.72
MW-13	11/01/22	6115.52	ND	77.90		6037.62
MW-13	05/22/23	6115.52	ND	78.12		6037.40
MW-13	11/10/23	6115.52	ND	78.25		6037.27
MW-14	05/27/15	6111.92	ND	71.41		6040.51
MW-14	11/22/15	6111.92	ND	71.45		6040.47
MW-14	04/15/16	6111.92	ND	71.26		6040.66

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-14	10/11/16	6111.92	ND	71.22		6040.70
MW-14	06/06/17	6111.92	ND	71.04		6040.88
MW-14	11/10/17	6111.92	ND	70.90		6041.02
MW-14	03/30/18	6111.92	ND	70.93		6040.99
MW-14	05/18/18	6111.92	ND	70.66		6041.26
MW-14	10/25/18	6111.92	ND	70.95		6040.97
MW-14	05/24/19	6111.92	ND	71.20		6040.72
MW-14	11/13/19	6111.92	ND	71.28		6040.64
MW-14	05/13/20	6111.92	ND	71.33		6040.59
MW-14	11/14/20	6111.92	ND	71.44		6040.48
MW-14	05/22/21	6111.92	ND	71.78		6040.14
MW-14	08/30/21	6111.92	ND	71.85		6040.07
MW-14	11/14/21	6111.92	ND	72.11		6039.81
MW-14	05/21/22	6111.92	ND	71.95		6039.97
MW-14	11/01/22	6111.92	ND	72.21		6039.71
MW-14	05/22/23	6111.92	ND	72.55		6039.37
MW-14	11/10/23	6111.92	ND	72.64		6039.28
MW-15	05/27/15	6110.93	ND	70.42		6040.51
MW-15	11/22/15	6110.93	ND	70.56		6040.37
MW-15	04/15/16	6110.93	ND	70.41		6040.52
MW-15	10/11/16	6110.93	ND	70.38		6040.55
MW-15	06/06/17	6110.93	ND	70.36		6040.57
MW-15	11/10/17	6110.93	ND	70.31		6040.62
MW-15	03/30/18	6110.93	ND	70.35		6040.58
MW-15	05/18/18	6110.93	ND	70.13		6040.80
MW-15	10/25/18	6110.93	ND	70.34		6040.59
MW-15	05/24/19	6110.93	ND	70.59		6040.34
MW-15	11/13/19	6110.93	ND	70.55		6040.38
MW-15	05/13/20	6110.93	ND	70.70		6040.23
MW-15	11/14/20	6110.93	ND	70.73		6040.20
MW-15	05/22/21	6110.93	ND	71.06		6039.87
MW-15	08/30/21	6110.93	ND	71.19		6039.74
MW-15	11/14/21	6110.93	ND	71.44		6039.49
MW-15	05/21/22	6110.93	ND	71.34		6039.59
MW-15	11/01/22	6110.93	ND	71.50		6039.43
MW-15	05/22/23	6110.93	ND	71.79		6039.14
MW-15	11/10/23	6110.93	ND	71.90		6039.03
MW-16	05/27/15	6113.78	ND	72.66		6041.12
MW-16	11/22/15	6113.78	ND	72.79		6040.99

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-16	04/15/16	6113.78	ND	72.69		6041.09
MW-16	10/11/16	6113.78	ND	72.84		6040.94
MW-16	06/06/17	6113.78	ND	72.58		6041.20
MW-16	11/10/17	6113.78	ND	72.53		6041.25
MW-16	03/30/18	6113.78	ND	72.46		6041.32
MW-16	05/18/18	6113.78	ND	72.36		6041.42
MW-16	10/25/18	6113.78	ND	72.56		6041.22
MW-16	05/24/19	6113.78	ND	72.73		6041.05
MW-16	11/13/19	6113.78	ND	72.90		6040.88
MW-16	05/13/20	6113.78	ND	72.92		6040.86
MW-16	11/14/20	6113.78	ND	73.07		6040.71
MW-16	05/22/21	6113.78	73.31	73.32	0.01	6040.47
MW-16	08/30/21	6113.78	73.42	73.44	0.02	6040.36
MW-16	11/14/21	6113.78	73.65	73.69	0.04	6040.12
MW-16	03/22/22	6113.78	ND	73.55		6040.23
MW-16	05/21/22	6113.78	ND	73.52		6040.26
MW-16	07/31/22	6113.78	ND	73.87		6039.91
MW-16	11/01/22	6113.78	ND	73.80		6039.98
MW-16	03/27/23	6113.78	ND	74.04		6039.74
MW-16	05/22/23	6113.78	ND	74.12		6039.66
MW-16	08/29/23	6113.78	ND	74.19		6039.59
MW-16	11/10/23	6113.78	ND	74.27		6039.51
MW-17	05/27/15	6117.30	ND	85.94		6031.36
MW-17	11/22/15	6117.30	ND	84.77		6032.53
MW-17	04/15/16	6117.30	ND	84.18		6033.12
MW-17	10/11/16	6117.30	ND	83.42		6033.88
MW-17	06/06/17	6117.30	ND	82.48		6034.82
MW-17	11/10/17	6117.30	ND	81.87		6035.43
MW-17	03/30/18	6117.30	ND	81.38		6035.92
MW-17	05/18/18	6117.30	ND	80.16		6037.14
MW-17	10/25/18	6117.30	ND	80.56		6036.74
MW-17	05/24/19	6117.30	ND	80.50		6036.80
MW-17	11/13/19	6117.30	ND	80.09		6037.21
MW-17	05/13/20	6117.30	ND	79.81		6037.49
MW-17	08/18/20	6117.30	ND	79.73		6037.57
MW-17	11/14/20	6117.30	ND	79.52		6037.78
MW-17	05/22/21	6117.30	ND	79.28		6038.02
MW-17	08/30/21	6117.30	ND	79.35		6037.95
MW-17	11/14/21	6117.30	ND	79.25		6038.05
MW-17	05/21/22	6117.30	ND	79.19		6038.11

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-17	11/01/22	6117.30	ND	79.02		6038.28
MW-17	05/22/23	6117.30	ND	79.05		6038.25
MW-17	11/10/23	6117.30	ND	78.92		6038.38
MW-18	05/27/15	6121.16	ND	77.74		6043.42
MW-18	11/22/15	6121.16	ND	77.70		6043.46
MW-18	04/15/16	6121.16	ND	77.52		6043.64
MW-18	10/11/16	6121.16	ND	77.54		6043.62
MW-18	06/06/17	6121.16	ND	77.01		6044.15
MW-18	11/10/17	6121.16	ND	76.83		6044.33
MW-18	03/30/18	6121.16	ND	76.66		6044.50
MW-18	05/18/18	6121.16	ND	76.47		6044.69
MW-18	10/25/18	6121.16	ND	76.47		6044.69
MW-18	05/24/19	6121.16	ND	76.41		6044.75
MW-18	11/13/19	6121.16	ND	76.67		6044.49
MW-18	05/13/20	6121.16	ND	76.65		6044.51
MW-18	11/14/20	6121.16	ND	76.80		6044.36
MW-18	05/22/21	6121.16	ND	77.05		6044.11
MW-18	08/30/21	6121.16	ND	77.34		6043.82
MW-18	11/14/21	6121.16	ND	77.49		6043.67
MW-18	05/21/22	6121.16	ND	77.36		6043.80
MW-18	11/01/22	6121.16	ND	77.70		6043.46
MW-18	05/22/23	6121.16	ND	78.04		6043.12
MW-18	11/10/23	6121.16	ND	78.26		6042.90
MW-19	05/27/15	6115.44	ND	73.76		6041.68
MW-19	11/22/15	6115.44	ND	73.82		6041.62
MW-19	04/15/16	6115.44	ND	73.67		6041.77
MW-19	10/11/16	6115.44	ND	73.76		6041.68
MW-19	06/06/17	6115.44	ND	73.29		6042.15
MW-19	11/10/17	6115.44	ND	73.12		6042.32
MW-19	03/30/18	6115.44	ND	73.05		6042.39
MW-19	05/18/18	6115.44	ND	72.82		6042.62
MW-19	10/25/18	6115.44	ND	73.22		6042.22
MW-19	05/24/19	6115.44	ND	73.40		6042.04
MW-19	11/13/19	6115.44	ND	73.68		6041.76
MW-19	05/13/20	6115.44	ND	73.71		6041.73
MW-19	08/18/20	6115.44	ND	77.08		6038.36
MW-19	11/14/20	6115.44	ND	73.92		6041.52
MW-19	05/22/21	6115.44	ND	74.21		6041.23
MW-19	08/30/21	6115.44	ND	74.31		6041.13

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-19	11/14/21	6115.44	ND	74.52		6040.92
MW-19	05/21/22	6115.44	ND	74.53		6040.91
MW-19	11/01/22	6115.44	ND	74.81		6040.63
MW-19	05/22/23	6115.44	ND	75.15		6040.29
MW-19	11/10/23	6115.44	ND	75.35		6040.09
MW-20	11/10/23	6113.69	ND	DRY		NA
MW-21	11/10/23	6119.68	ND	80.80		6038.88
MW-22	11/10/23	6124.72	ND	90.80		6033.92
MW-23	11/10/23	6126.64	85.50	92.45	6.95	6028.98
TW-1	11/10/17	6121.98	ND	71.84		6050.14
TW-1	05/18/18	6121.98	ND	71.75		6050.23
TW-1	10/25/18	6121.98	ND	72.09		6049.89
TW-1	05/24/19	6121.98	72.90	73.14	0.24	6049.02
TW-1	11/13/19	6121.98	ND	73.08		6048.90
TW-1	05/13/20	6121.98	ND	73.15		6048.83
TW-1	11/14/20	6121.98	ND	73.70		6048.28
TW-1	03/17/21	6121.98	74.03	74.05	0.02	6047.95
TW-1	05/22/21	6121.98	74.29	74.31	0.02	6047.69
TW-1	08/30/21	6121.98	74.33	74.51	0.18	6047.61
TW-1	11/14/21	6121.98	74.89	74.91	0.02	6047.09
TW-1	03/22/22	6121.98	ND	75.50		6046.48
TW-1	05/21/22	6121.98	75.61	75.62	0.01	6046.37
TW-1	07/31/22	6121.98	ND	75.95		6046.03
TW-1	11/01/22	6121.98	ND	76.12		6045.86
TW-1	03/27/23	6121.98	ND	76.71		6045.27
TW-1	05/22/23	6121.98	ND	76.65		6045.33
TW-1	08/29/23	6121.98	ND	76.58		6045.40
TW-1	11/10/23	6121.98	ND	76.37		6045.61
TW-2	11/10/17	6120.97	ND	78.50		6042.47
TW-2	05/18/18	6120.97	ND	77.66		6043.31
TW-2	10/25/18	6120.97	ND	75.30		6045.67
TW-2	05/24/19	6120.97	ND	75.53		6045.44
TW-2	11/13/19	6120.97	ND	75.80		6045.17
TW-2	05/13/20	6120.97	ND	75.94		6045.03
TW-2	11/14/20	6120.97	ND	76.21		6044.76
TW-2	05/22/21	6120.97	ND	76.51		6044.46
TW-2	08/30/21	6120.97	ND	76.70		6044.27

TABLE 3 - GROUNDWATER ELEVATION RESULTS

State Gas Com N#1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
TW-2	11/14/21	6120.97	ND	76.92		6044.05
TW-2	05/21/22	6120.97	ND	77.19		6043.78
TW-2	11/01/22	6120.97	ND	77.57		6043.40
TW-2	05/22/23	6120.97	ND	78.01		6042.96
TW-2	11/10/23	6120.97	ND	78.14		6042.83
TW-3	11/10/17	6117.84	ND	86.03		6031.81
TW-3	05/18/18	6117.84	ND	76.35		6041.49
TW-3	10/25/18	6117.84	ND	74.74		6043.10
TW-3	05/24/19	6117.84	ND	75.01		6042.83
TW-3	11/13/19	6117.84	ND	73.20		6044.64
TW-3	05/13/20	6117.84	ND	75.45		6042.39
TW-3	11/14/20	6117.84	ND	75.67		6042.17
TW-3	05/22/21	6117.84	ND	75.96		6041.88
TW-3	08/30/21	6117.84	ND	76.10		6041.74
TW-3	11/14/21	6117.84	ND	76.31		6041.53
TW-3	05/21/22	6117.84	ND	76.37		6041.47
TW-3	11/01/22	6117.84	ND	76.68		6041.16
TW-3	05/22/23	6117.84	ND	77.08		6040.76
TW-3	11/10/23	6117.84	ND	77.18		6040.66

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

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

TABLE 4 - SOIL ANALYTICAL RESULTS

State Gas Com N#1												
Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	BTEX Total (mg/kg)	GRO C6-10 (mg/kg)	DRO C10-28 (mg/kg)	MRO C28-35 (mg/kg)	GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Criteria:		10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	10,000
SGC MW-10 (82')	10/25/14	BRL	5.13	2.39	28.1	35.62	936	777	BRL	1,713	1,713	8.85
SGC MW-11 (84')	10/26/14	0.000829	BRL	BRL	BRL	0.000829	0.43	1.70	4.98	2.13	7.11	32
SGC MW-12 (78')	11/01/14	0.00247	0.00266	BRL	0.00495	0.010	0.40	BRL	BRL	0.40	0.40	12.5
SGC MW-13 (71.5')	10/31/14	BRL	0.0276	0.0147	0.691	0.73	8.37	11.2	BRL	19.57	19.57	26
SGC MW-14 (69')	10/30/14	BRL	0.00138	0.00102	0.00113	0.0035	0.39	BRL	BRL	0.39	0.39	67.4
SGC MW-15 (72.5')	10/29/14	0.000883	BRL	BRL	0.00695	0.00088	0.528	BRL	BRL	0.53	0.53	75.6
SGC MW-16 (69')	10/28/14	BRL	0.391	1.47	25.5	27.36	874	40.4	BRL	914.4	914.4	68.2
SGC MW-17 (72')	10/27/14	BRL	0.632	0.397	4.29	5.32	39	6.07	BRL	45.07	45.07	19.8
SGC MW-18 (68')	10/26/14	0.00145	0.00473	BRL	0.0154	0.022	1.34	BRL	BRL	1.34	1.34	56.5
SGC MW-19 (70-72')	11/07/14	5.39	0.192	12.3	94.4	112.28	1,700	159	BRL	1,859	1,859	123
SGC MW-20 (32')	10/11/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC MW-20 (52')	10/11/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	47
SGC MW-20 (67')	10/11/23	BRL	BRL	BRL	BRL	BRL	24	BRL	BRL	24	24	38
SGC MW-21 (32')	10/11/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC MW-21 (64')	10/11/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC MW-21 (69')	10/11/23	BRL	BRL	BRL	0.64	0.64	33	7.1	BRL	40.1	40.1	54
SGC MW-22 (11')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC MW-22 (29')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	7.7	BRL	7.7	42
SGC MW-22 (74')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	43
SGC MW-23 (24')	10/12/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	22
SGC MW-23 (59')	10/12/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC MW-23 (74')	10/12/23	BRL	2.0	BRL	2.2	4.2	27	BRL	BRL	27	27	BRL
SGC SB-1 (22-24')	11/08/14	14.9	53.2	6.13	107	181.23	2,130	246	144	2,376	2,520	36.7
SGC SB-1 (25-27')	11/08/14	9.88	40.3	6.76	148	204.94	4,200	391	205	4,591	4,796	62.1
SGC SB-1 (32-34')	11/08/14	5.22	22.8	11.3	214	253.32	7,150	450	59	7,600	7,659	77.8
SGC SB-1 (43-44.8)	11/08/14	31.9	316	65.9	573	986.8	12,200	750	126	12,950	13,076	66.5
SGC SB-1 (46.5-48.5')	11/08/14	8.93	109	21.6	247	386.53	9,270	244	58.5	9,514	9,573	44.3
SGC SB-1 (57-58.9')	11/08/14	16.1	77.5	22.2	257	372.8	9,220	2.91	8.98	9,223	9,232	200
SGC SB-1 (67-68.8')	11/08/14	37.4	65	57	487	646.4	14,100	645	BRL	14,745	14,757	246
SGC SB-1 (71-73')	11/08/14	35.8	47.8	36.6	304	424.2	12,100	528	BRL	12,628	12,628	136
SGC SB-2 (14')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC SB-2 (38')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	29
SGC SB-2 (55')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	44
SGC SB-2 (74')	10/14/23	6.7	56	6.6	70	139.3	3,700	110	BRL	3,810	3,810	30
SGC SB-3 (18')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	6.0	BRL	6.0	BRL
SGC SB-3 (47')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	21
SGC SB-3 (56')	10/13/23	BRL	BRL	BRL	BRL	BRL	BRL	12	BRL	12	12	40
SGC SB-3 (71')	10/13/23	31	280	35	430	776.0	15,000	770	BRL	15,770	15,770	130
SGC SB-3 (79')	10/13/23	BRL	0.81	0.37	5.0	6.2	330	45	BRL	375	375	36
SGC SB-4 (16')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC SB-4 (39')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	31
SGC SB-4 (52')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	110
SGC SB-4 (72')	10/14/23	BRL	BRL	0.33	3.9	4.2	110	46	BRL	156	156	120

TABLE 4 - SOIL ANALYTICAL RESULTS

State Gas Com N#1												
SGC SB-5 (27')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SGC SB-5 (41')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	26
SGC SB-5 (64')	10/14/23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	320
SGC SB-5 (74')	10/14/23	BRL	BRL	BRL	0.022	0.022	12	BRL	BRL	12	12	130
TW-1 (68-69')	10/31/17	7.8	34	27	170	238.8	3900	1000	BRL	4,900	4,900	96
TW-2 (19-20')	11/01/17	BRL	1.2	2.1	18	21.3	510	530	BRL	1,040	1,040	75
TW-2 (41-42')	11/02/17	0.077	2.1	3.9	27	33.1	910	530	BRL	1,440	1,440	32
TW-2 (54-55')	11/02/17	0.31	3.4	3.7	26	33.4	990	500	BRL	1,490	1,490	58
TW-2 (69-70')	11/02/17	BRL	BRL	BRL	BRL	BRL	20	53	BRL	73	73	160
TW-3 (48-49')	11/03/17	BRL	BRL	0.0049	0.085	0.090	0.38	8.2	BRL	8.58	9	390
TW-3 (68-69')	11/03/17	0.0018	BRL	0.0027	0.023	0.026	16	22	BRL	38	38	130
Notes: mg/kg Milligrams per kilogram BRL Below Reporting Limit NE New Mexico Oil Conservation Division (NMOCD) Standard Not Established BTEX Benzene, toluene, ethylbenzene, xylenes GRO Gasoline range organics DRO Diesel range organics MRO Motor oil range organics Total BTEX Sum of the detectable concentrations of individual BTEX constituents TPH Total Petroleum Hydrocarbon concentration is calculated by adding GRO, DRO, and MRO and rounded to the nearest mg/kg. NMOCD Criteria New Mexico Oil Conservation Division closure criteria for groundwater 50 to 100 feet below bottom of pit to groundwater less than 10,000 mg/L Results bolded and highlighted yellow exceed their respective NMOCD Standards												

FIGURES

FIGURE 1: SITE LOCATION

FIGURE 2: SITE PLAN

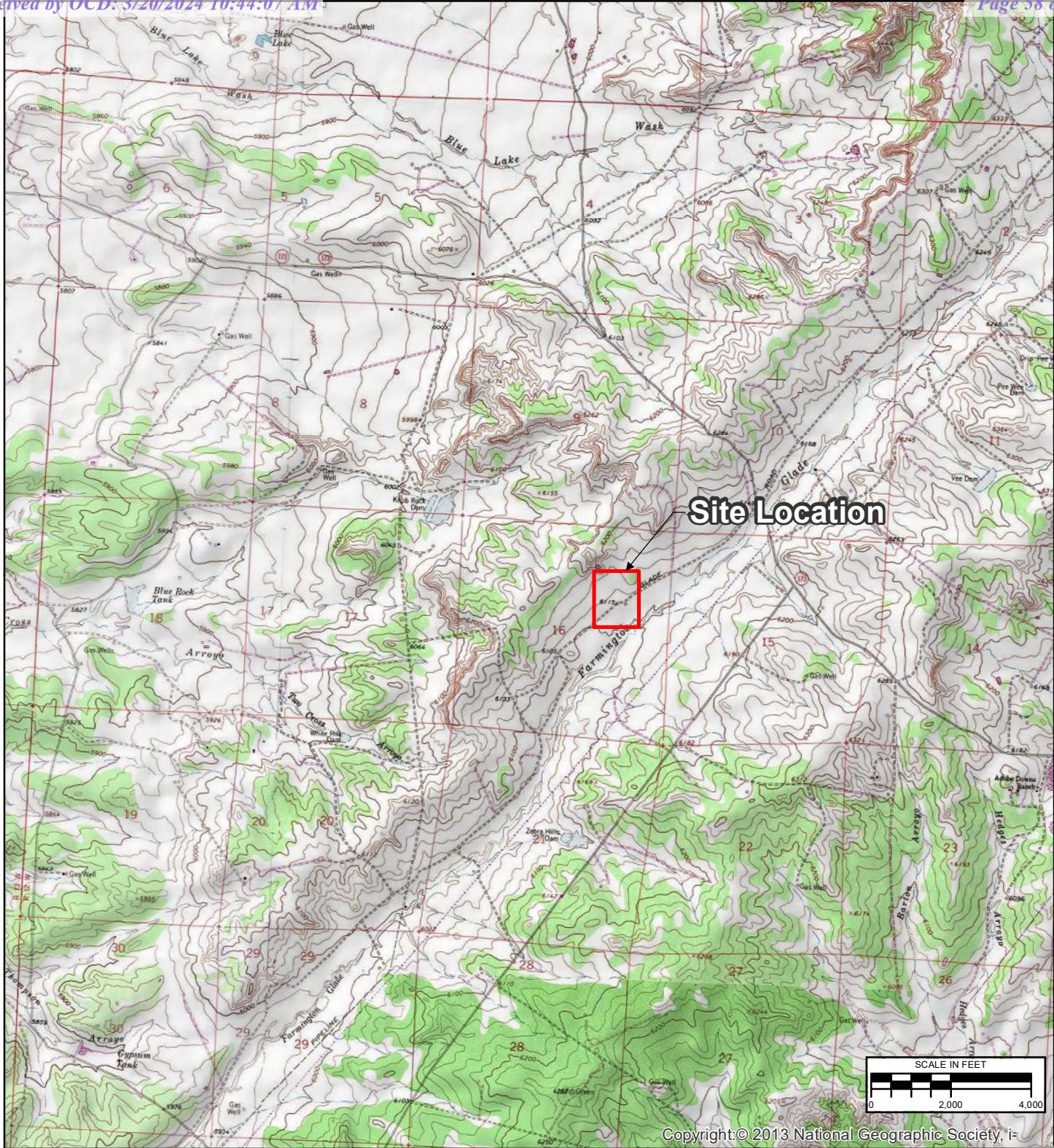
FIGURE 3: GROUNDWATER ANALYTICAL RESULTS – MAY 22, 2023

FIGURE 4: GROUNDWATER ELEVATION MAP – MAY 22, 2023

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS – NOVEMBER 10, 2023

FIGURE 6: GROUNDWATER ELEVATION MAP – NOVEMBER 10, 2023

FIGURE 7: SOIL ANALYTICAL RESULTS



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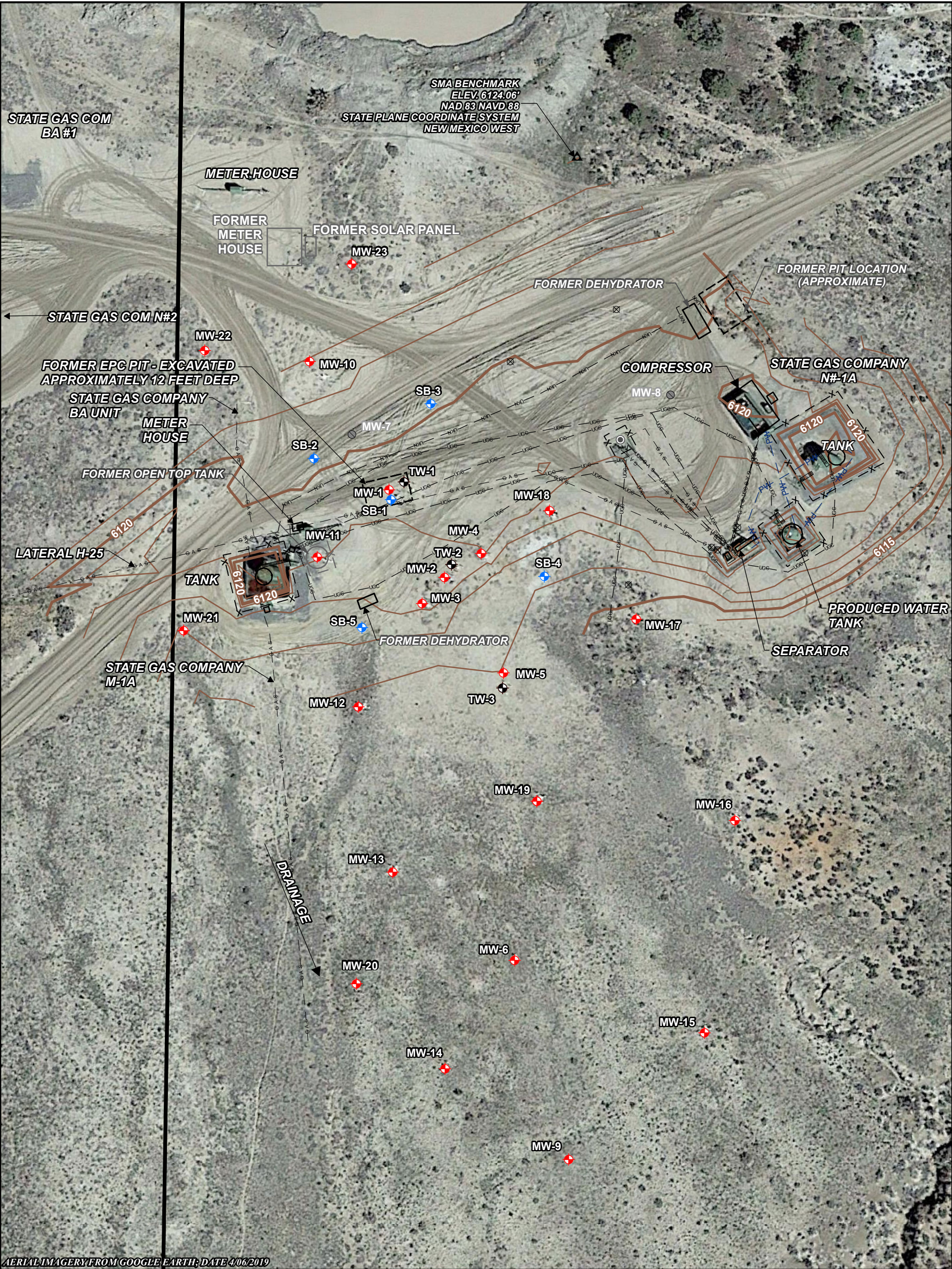


National Geographic, Esri,
Garmin, HERE, UNEP-
WCMC, USGS, NASA,

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/18/2021	SAH	SAH	SRV

TITLE	SITE LOCATION	
PROJECT	STATE GAS COM N#1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO	
FIGURE	1	

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXD\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_SITEMAP_2023.mxd



LEGEND:

—6120— APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET

—x— FENCE

—GA— NATURAL GAS LINE

—PW— PRODUCED WATER LINE

—UNK— UNKNOWN LINE

—UG— UNDERGROUND CABLE

— STATE LAND OFFICE WATER EASEMENT BOUNDARY

● ABANDONED MONITORING WELL

◆ MONITORING WELL

◆ SOIL BORING

◆ TEST WELL

⊗ RIG ANCHOR

▲ SMA BENCHMARK

● WELLHEAD

SCALE IN FEET

0 50 100

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-03-15	SAH	SAH	SV

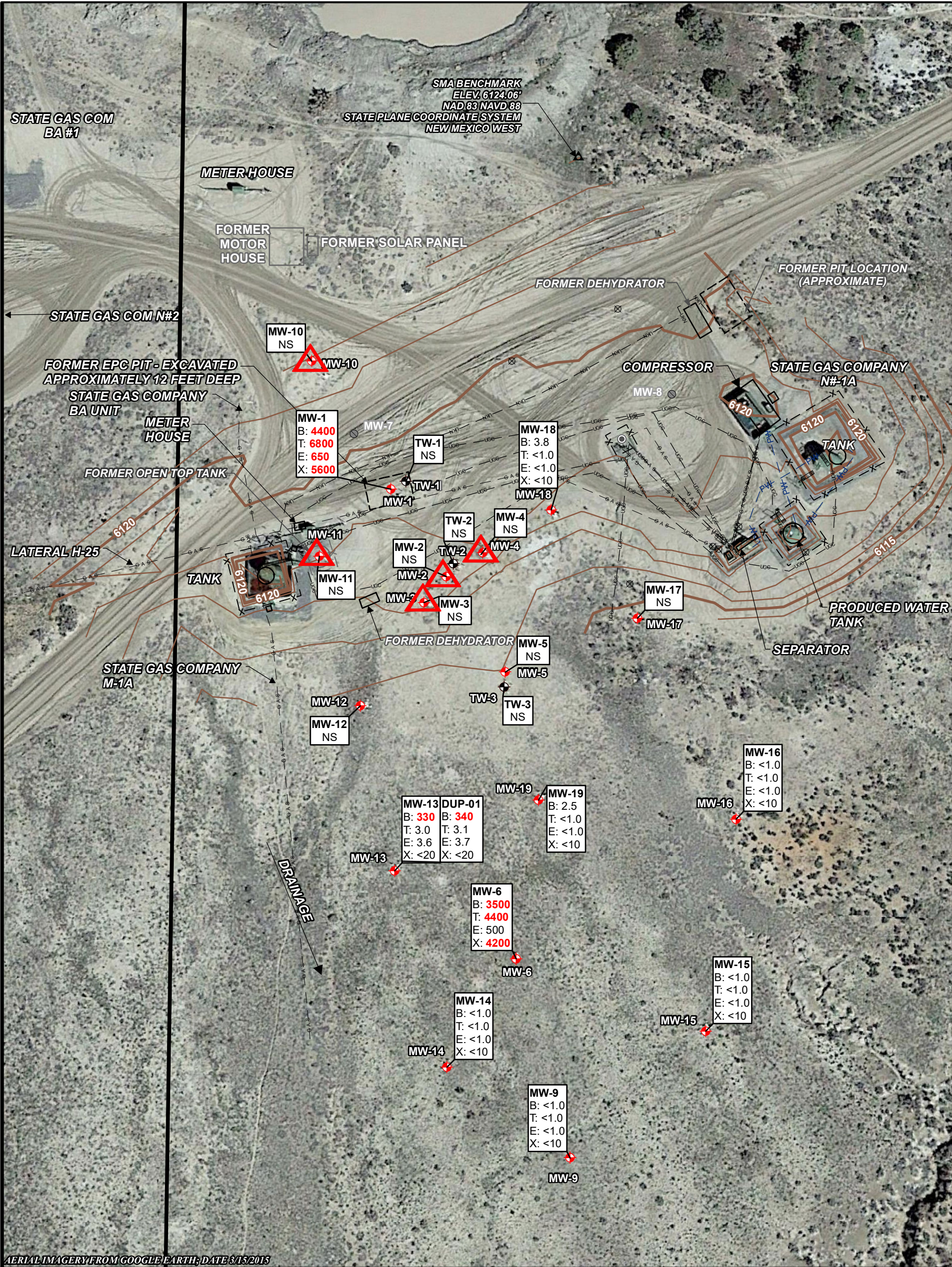
TITLE: **SITE PLAN**

PROJECT: **STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Stantec

Figure No.: **2**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_GARM_1SA_2023.mxd



LEGEND:

—6120— APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET

—X— FENCE

—GA— NATURAL GAS LINE

—PW— PRODUCED WATER LINE

—UN— UNKNOWN LINE

—UG— UNDERGROUND CABLE

— STATE LAND OFFICE WATER EASEMENT BOUNDARY

● ABANDONED MONITORING WELL

◆ MONITORING WELL

▲ MONITORING WELL WITH MEASUREABLE LNAPL

⊗ RIG ANCHOR

▲ SMA BENCHMARK

● WELLHEAD

◆ TEST WELL

NOTES:

DUP = FIELD DUPLICATE SAMPLE

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

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

NS = NOT SAMPLED

µg/L = MICROGRAMS PER LITER

<1.0 = BELOW REPORTING LIMIT

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

TITLE:

GROUNDWATER ANALYTICAL RESULTS

MAY 22, 2023

PROJECT:

STATE GAS COM N#1

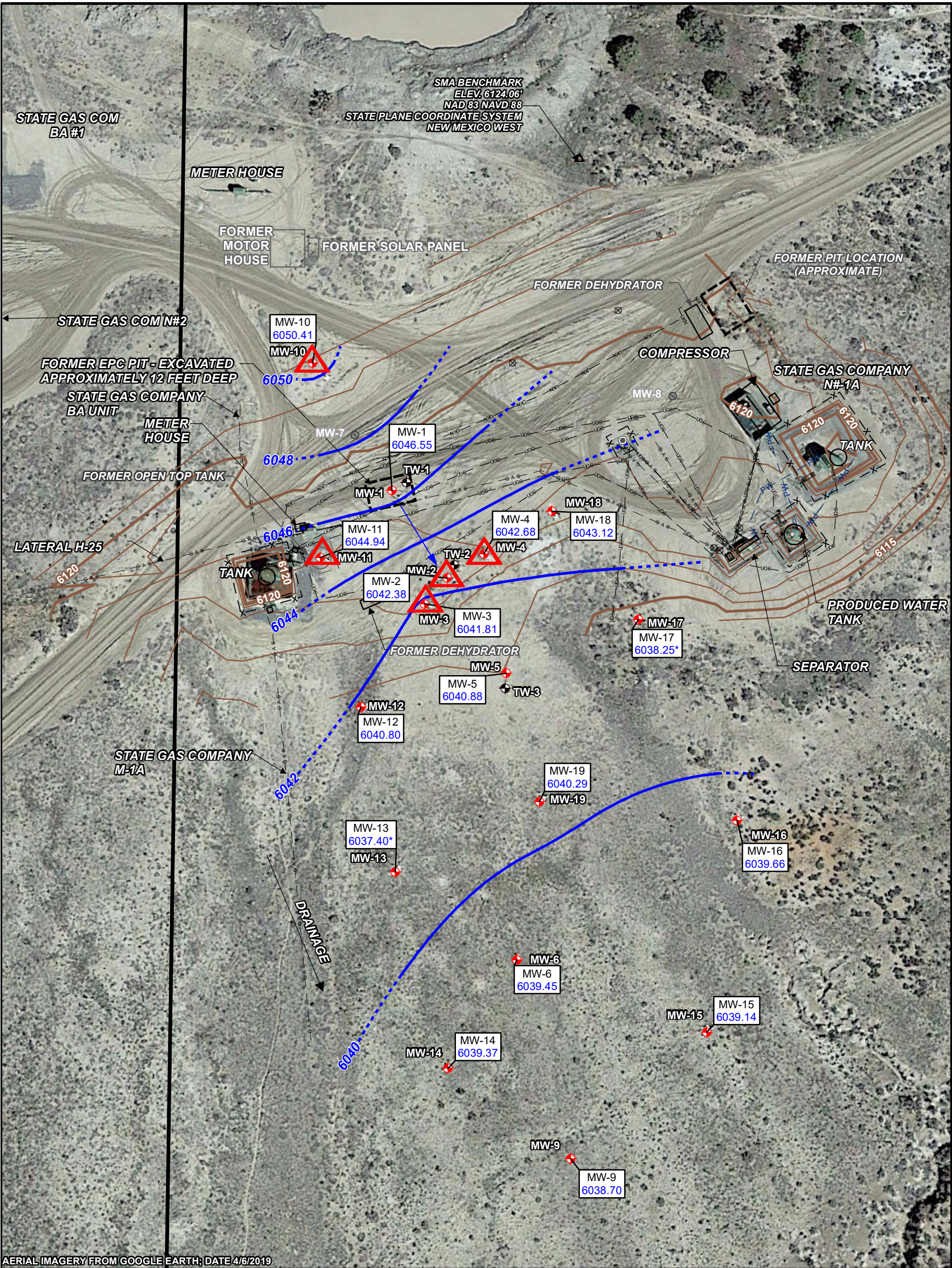
SAN JUAN RIVER BASIN

SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **3**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXD\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_GEOM_1SA_2023.mxd



AERIAL IMAGERY FROM GOOGLE EARTH; DATE 4/6/2019

LEGEND:

- 6120 - APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- x- - FENCE
- GA-S- - NATURAL GAS LINE
- PW- - PRODUCED WATER LINE
- UKN- - UNKNOWN LINE
- UG- - UNDERGROUND CABLE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL

- RIG ANCHOR
- SMA BENCHMARK
- WELLHEAD
- TEST WELL

NOTES:

- 6038.70 - GROUNDWATER ELEVATION (CORRECTED FOR LNAPL THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- 6042 - CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL) 2 FOOT CONTOUR INTERVAL
- DIRECTION OF APPARENT GROUNDWATER FLOW
- GROUNDWATER ELEVATION APPEARS ANOMOLOUS AND WAS NOT USED TO PREPARE COUNTORING GROUNDWATER ELEVATION.
- LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

SCALE IN FEET

050100

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-03-15	SAH	SAH	SV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 22, 2023

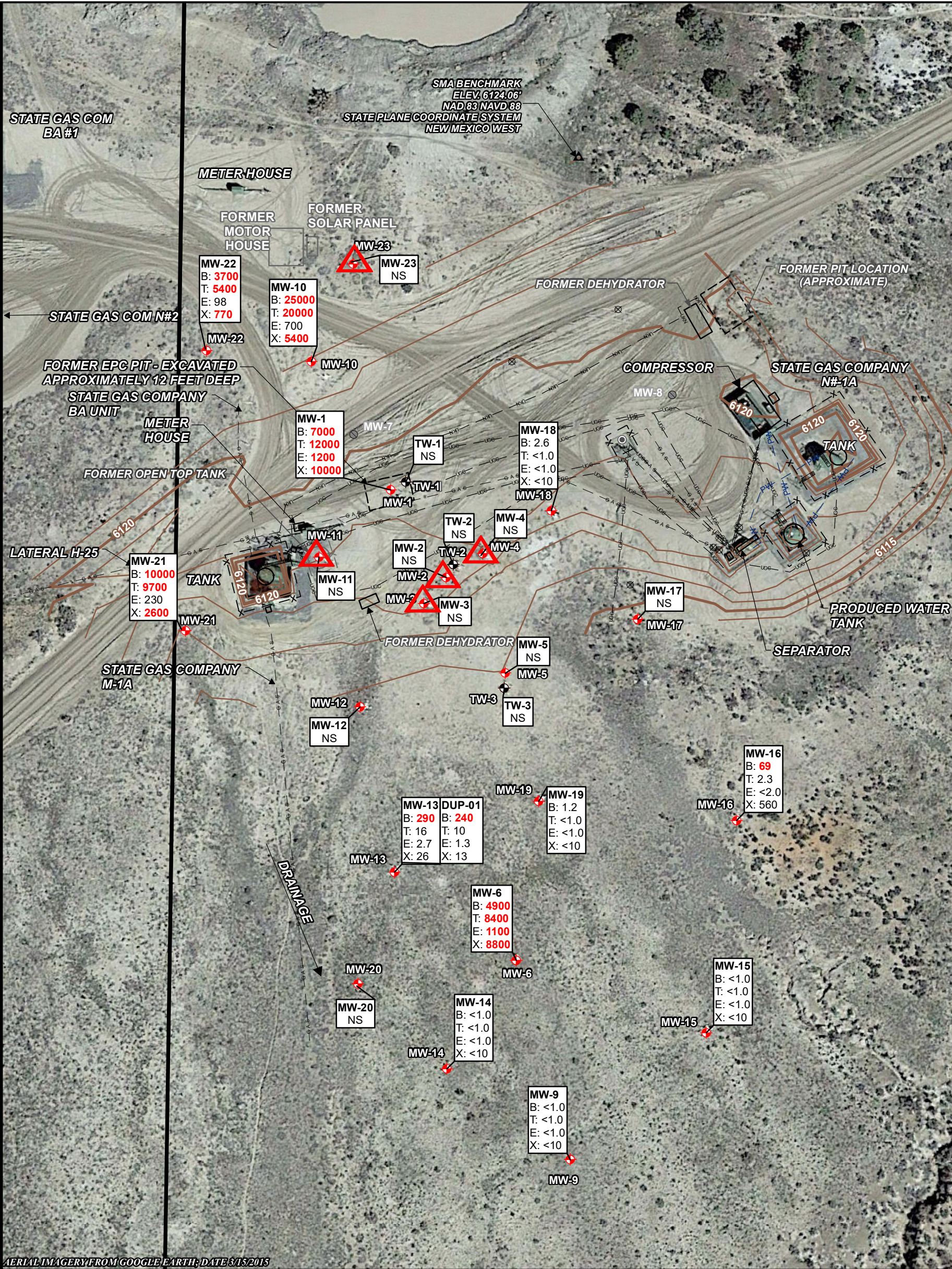
PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.:
4

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_GARM_2SA_2023.mxd



LEGEND:

—6120— APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET

—x— FENCE

—GA— NATURAL GAS LINE

—PW— PRODUCED WATER LINE

—UN— UNKNOWN LINE

—UG— UNDERGROUND CABLE

— STATE LAND OFFICE WATER EASEMENT BOUNDARY

● ABANDONED MONITORING WELL

◆ MONITORING WELL

▲ MONITORING WELL WITH MEASUREABLE LNAPL

⊗ RIG ANCHOR

▲ SMA BENCHMARK

● WELLHEAD

◆ TEST WELL

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.

NS = NOT SAMPLED

µg/L = MICROGRAMS PER LITER

<1.0 = BELOW REPORTING LIMIT

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

SCALE IN FEET

0 50 100

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-03-15	SAH	SAH	SV

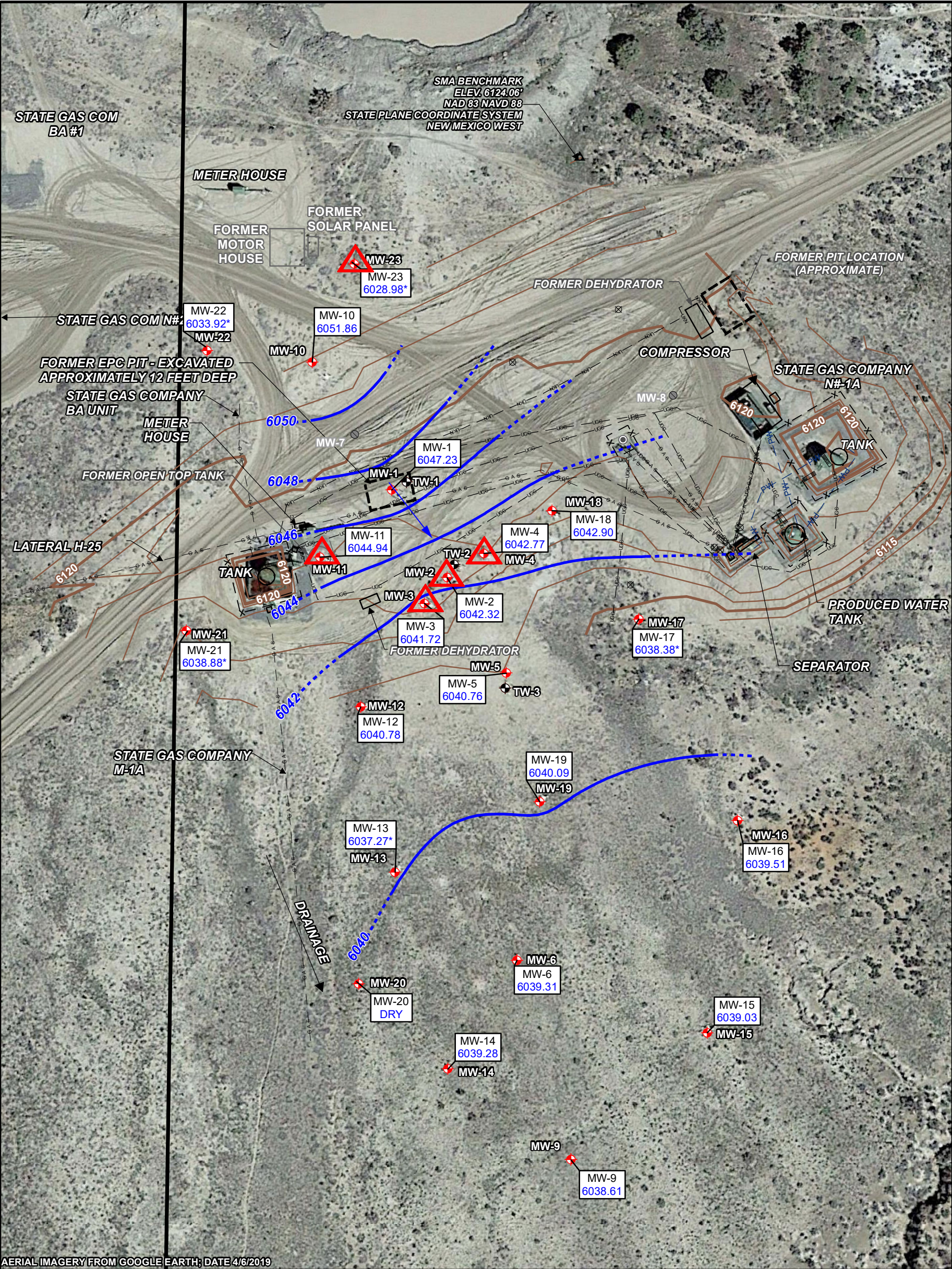
TITLE: **GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 10, 2023**

PROJECT: **STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Stantec

Figure No.: **5**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXD\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_GECM_2SA_2023.mxd



AERIAL IMAGERY FROM GOOGLE EARTH; DATE 4/6/2019

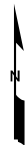
LEGEND:

- 6120 - APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- x- - FENCE
- GA-S- - NATURAL GAS LINE
- PW- - PRODUCED WATER LINE
- UKN- - UNKNOWN LINE
- UG- - UNDERGROUND CABLE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL

- RIG ANCHOR
- SMA BENCHMARK
- WELLHEAD
- TEST WELL

NOTES:

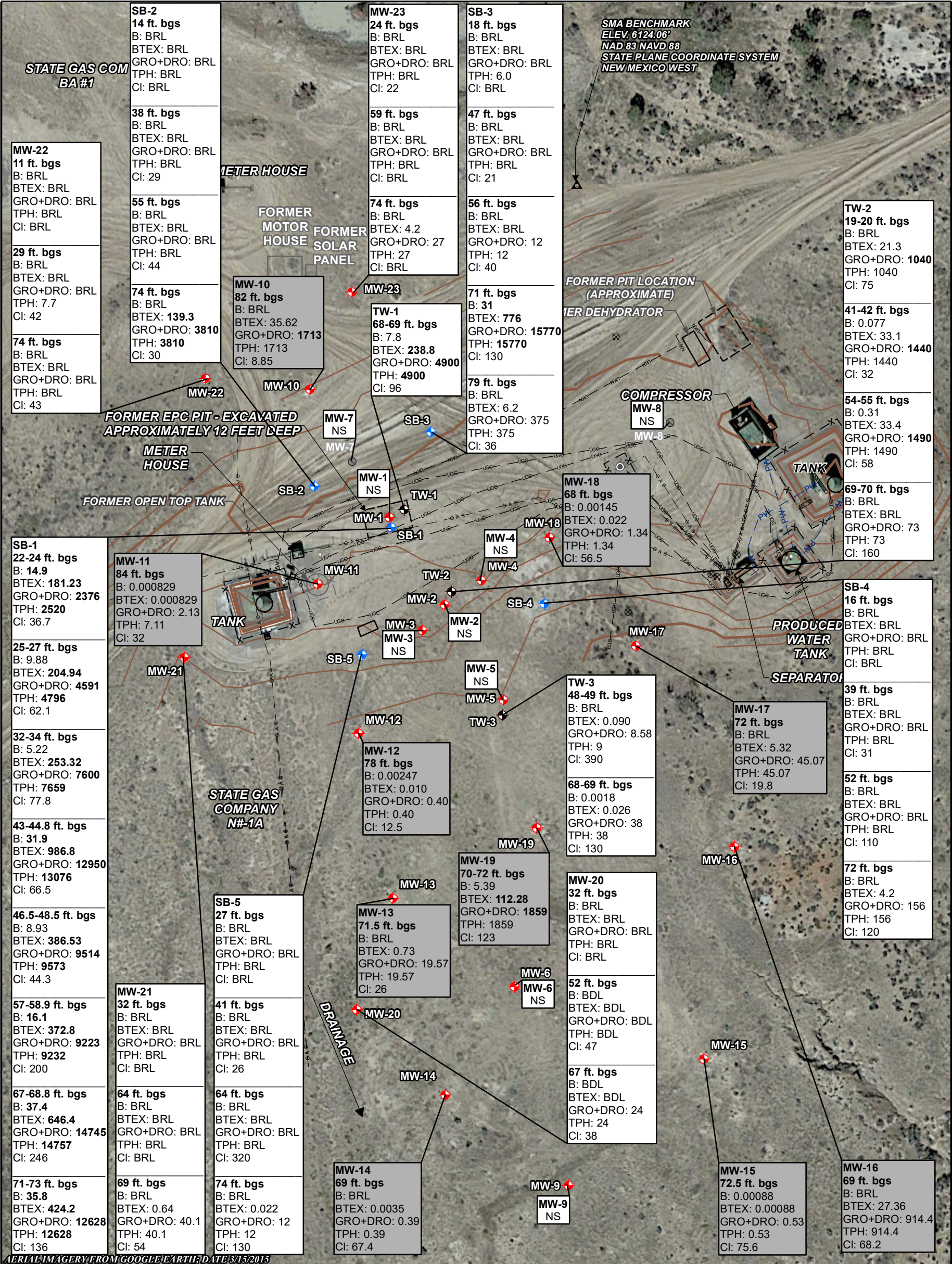
- 6039.28 - GROUNDWATER ELEVATION (CORRECTED FOR LNAPL THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- 6042 - CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL) 2 FOOT CONTOUR INTERVAL
- DIRECTION OF APPARENT GROUNDWATER FLOW
- GROUNDWATER ELEVATION APPEARS ANOMOLOUS AND WAS NOT USED TO PREPARE COUNTORING GROUNDWATER ELEVATION.
- LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-03-15	SAH	SAH	SV

TITLE:	GROUNDWATER ELEVATION MAP NOVEMBER 10, 2023
PROJECT:	STATE GAS COM N#1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO
	Figure No.: 6

\\cd1001-c200\CTX-CIFSS\VDI\Redirection\shansen\Desktop\GIS-NEW\MXD\STATE GAS COM N#1\2023 MAPS\State_Gas_Com_N#1_SARM_2023.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

LEGEND:

- 6120— APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- x— FENCE
- A— NATURAL GAS LINE
- PW— PRODUCED WATER LINE
- UN— UNKNOWN LINE
- UG— UNDERGROUND CABLE
- ABANDONED MONITORING WELL
- ♦ MONITORING WELL
- ⊗ RIG ANCHOR
- ▲ SMA BENCHMARK
- WELLHEAD
- ⊕ TEST WELL
- ⊕ SOIL BORING

NOTES:

MW-10 SAMPLES COLLECTED 10/25/2014; MW-11 10/26/2014; MW-12 11/1/2014; MW-13 10/31/2014; MW-14 10/30/2014; MW-15 10/29/2014; MW-16 10/28/2014; MW-17 10/27/2014; MW-18 10/26/2014; MW-19 11/7/2017; MW-20 10/11/2023; MW-21 10/11/2023; MW-22 10/13/2023; MW-23 10/12/2023; SB-1 11/8/2014; SB-2 10/14/2023; SB-3 10/13/2023; SB-4 10/14/2023; SB-5 10/14/2023; TW-1 10/31/2017; TW-2 11/1/2017-11/2/2017; TW-3 11/3/2017.

UTILITY LOCATIONS ARE APPROXIMATE.

ft. bgs = FEET BELOW GROUND SURFACE
NS = NOT SAMPLED

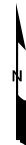
SHADED RESULTS INDICATE SOIL SAMPLE INTERVAL APPEARS TO BE SUBMERGED BASED ON AVAILABLE STATIC WATER LEVEL GAUGING DATA.

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN BOLDFACE TYPE INDICATE CONCENTRATION IN EXCESS OF APPLICABLE NEW MEXICO OIL CONSERVATION DIVISION SOIL CRITERIA FOR THAT ANALYTE.

mg/kg = MILLIGRAM/KILOGRAM
BRL = BELOW REPORTING LIMITS

ANALYTE	NMOC D STANDARDS
B = Benzene	10 mg/kg
BTEX = Benzene, toluene, ethylbenzene, xylenes	50 mg/kg
DRO+GRO = Diesel range organics + gasoline range organics	1000 mg/kg
TPH = Total Petroleum Hydrocarbons	2500 mg/kg
Cl = Chloride	10000 mg/kg



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-03-06	SLG	SLG	SV

TITLE:

SOIL ANALYTICAL RESULTS

PROJECT:

STATE GAS COM N#1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO



Figure No.:

7

APPENDICES

APPENDIX A – SITE HISTORY

APPENDIX B – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX C – NMOSE WELL PERMITS

APPENDIX D – NMOSE WELL PLUGGING FORMS

APPENDIX E – NMOSE WELL COMPLETION FORMS

APPENDIX F – BORING LOGS AND WELL DIAGRAMS

APPENDIX G – WASTE DISPOSAL DOCUMENTATION

APPENDIX H – GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX I – SOIL ANALYTICAL LAB REPORT

APPENDIX A

Site History

State Gas Com N #1 Site History

San Juan River Basin, New Mexico

<i>Date</i>	<i>Source (Regulatory File #)</i>	<i>Event/Action</i>	<i>Description/Comments</i>
2/8/1957	API # 30-045-10765	Pan American Oil Corporation State Gas Unit N #1 well spudded	El Paso Natural Gas Company is approved as the transporter of gas on April 5, 1957.
10/1/1965	API # 30-045-10765	Well owner/operator changed to Standard Oil Company	
4/6/1979	API # 30-045-10765	Production well casing repaired	Plug suspected leak at elevation 6117 feet
9/16/1995	Unknown	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	Unknown	EPFS Addendum to the Remediation Plan	Amends work plan for 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	Unknown	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
6/2/1997	nAUTOfAB000668 (Case # 3RP-239)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.
8/6/1997	nAUTOfAB000668 (Case # 3RP-239)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis
1/1/1998	API # 30-045-10765	Well operator changed to Cross Timbers Operating Company	
2/27/1998	nAUTOfAB000668 (Case # 3RP-239)	El Paso Field Services (EPFS) 1997 Annual Report	Include 1994 pit closure information, installation of MW-1 through MW-4 in 1995, sampling results, and LNAPL recovery
7/8/1998	nAUTOfAB000668 (Case # 3RP-239)	NMOCD 1997 Annual Report review letter	Requests installation of additional monitoring wells to delineate hydrocarbons in groundwater.
3/31/1999	nAUTOfAB000668 (Case # 3RP-239)	Phillip Services' 1998 Annual Report (for EPFS)	LNAPL recovery from MW-1 through MW-3 using passive skimmers.
7/28/1999	nAUTOfAB000668 (Case # 3RP-239)	NMOCD 1998 Annual Report review letter	Requires that EPFS install additional groundwater monitoring wells at the site by December 31, 1999.

State Gas Com N #1 Site History

San Juan River Basin, New Mexico

3/24/2000	nAUTOfAB000668 (Case # 3RP-239)	Phillip Services' 1999 Annual Report (for EPFS)	LNAPL recovery from MW-1 through MW-3 using passive skimmers.
3/31/2001	nAUTOfAB000668 (Case # 3RP-239)	Phillip Services' 2000 Annual Report (for EPFS)	MW-5 installed and MW-6 attempted (borehole plugged). LNAPL recovered from MW-1 through MW-3 using passive skimmers.
6/1/2001	API # 30-045-10765	Well operator changed to XTO Energy, Inc.	
7/18/2021	nAUTOfAB000668 (Case # 3RP-239)	NMOCD 2000 Annual Report review letter	Requires install of additional groundwater monitoring wells.
2/28/2002	nAUTOfAB000668 (Case # 3RP-239)	MWH 2001 Annual Report (for EPFS)	LNAPL recovered from MW-1, MW-2, MW-3 and MW-4 using passive skimmers.
2/28/2003	nAUTOfAB000668 (Case # 3RP-239)	MWH 2002 Annual Report (for EPFS)	LNAPL recovered from MW-2, MW-3 and MW-6 using passive skimmers.
4/3/2003	nAUTOfAB000668 (Case # 3RP-239)	NMOCD 2002 Annual Report review letter	Requires install of additional groundwater monitoring wells.
2/26/2004	nAUTOfAB000668 (Case # 3RP-239)	MWH 2003 Annual Report (for EPFS)	LNAPL recovered from MW-2, MW-3 and MW-6.
10/4/2005	API # 30-045-10765	Form C-144 Pit Closure Report for XTO	Blowout pit excavation 9/7/2005 to 9/12/2005 to 30 feet bgs. Excavated soil landfarmed at State Gas Com #3. Soil boring BH-1 completed on 9/26/2005 and groundwater not encountered.
3/17/2006	nAUTOfAB000668 (Case # 3RP-239)	MWH 2005 Annual Report (for EPFS)	LNAPL recovered from MW-3 and MW-6 using absorbant socks.
3/7/2007	nAUTOfAB000668 (Case # 3RP-239)	MWH 2006 Annual Report (for EPTPC)	Monitoring wells MW-7, MW-8, and MW-9 installed; continued LNAPL recovery from MW-3 and MW-6.
4/2/2008	nAUTOfAB000668 (Case # 3RP-239)	MWH 2007 Annual Report (for EPTPC)	LNAPL recovered from MW-6 .
2/28/2009	nAUTOfAB000668 (Case # 3RP-239)	MWH 2008 Annual Report (for EPTPC)	LNAPL recovered from MW-6 and MW-7. MW-8 damaged and not accessible.
4/16/2010	nAUTOfAB000668 (Case # 3RP-239)	MWH 2009 Annual Report (for EPTPC)	LNAPL recovered from MW-2, MW-4, MW-5, MW-6 and MW-7.
3/2/2011	nAUTOfAB000668 (Case # 3RP-239)	MWH 2010 Annual Report (for EPTPC)	LNAPL recovered from MW-2, MW-4, MW-5, MW-6 and MW-7.
8/16/2012	nAUTOfAB000668 (Case # 3RP-239)	MWH 2011 Annual Report (for EPCGPC)	LNAPL recovered from MW-1, MW-2, MW-3, MW-5, MW-6 and MW-7.
2/28/2014	nAUTOfAB000668 (Case # 3RP-239)	MWH 2013 Annual Report (for EPCGPC)	Three groundwater monitoring events summarized. LNAPL recovered, amounts not recorded.

State Gas Com N #1 Site History

San Juan River Basin, New Mexico

8/29/2014	nAUTOfAB000668 (Case # 3RP-239)	MWH Work Plan Monitoring Well Installation	Work Plan for installing MW-10 through MW-19.
2/3/2015	nAUTOfAB000668 (Case # 3RP-239)	MWH 2014 Annual Report (for EPCGP)	Monitoring wells MW-10 through MW-19 installed and 1 soil boring advanced; MW-7 and MW-8 plugged, semi-annual groundwater sampling and LNAPL recovery
2/12/2016	nAUTOfAB000668 (Case # 3RP-239)	MWH 2015 Annual Report (for EPCGP)	semiannual groundwater sampling and LNAPL recovery.
3/19/2017	nAUTOfAB000668 (Case # 3RP-239)	MWH 2016 Annual Report (for EPCGP)	Semiannual groundwater sampling and LNAPL recovery.
6/2/2017	nAUTOfAB000668 (Case # 3RP-239)	NMOCD 6/2/2017 review letter of 2016 Annual Report for 12 sites	Required a remediation plan by 7/31/2017 to further delineate plume and recover LNAPL.
6/28/2017	nAUTOfAB000668 (Case # 3RP-239)	Air Sparge (AS) and Soil Vapor Extraction (SVE) Test Work Plan	Installation of 3 AS test wells proposed.
7/5/2017	nAUTOfAB000668 (Case # 3RP-239)	NMOCD Letter	Approved 6/28/2017 AS/SVE testing work plan
7/19/2017	nAUTOfAB000668 (Case # 3RP-239)	Comments Letter from EPCGP to NMOCD in response to their June 2, 2017 letter	No further plume delineation planned at this time. Implementation of AS/SVE Work Plan pending receipt of updated Water Easement from State of New Mexico.
3/19/2018	nAUTOfAB000668 (Case # 3RP-239)	Stantec 2017 Annual Report (for EPCGP)	Semiannual groundwater monitoring and LNAPL recovery activities.
7/12/2018	API # 30-045-10765	Change of Operator	Change from XTO Energy to Hilcorp Energy.
3/27/2019	nAUTOfAB000668 (Case # 3RP-239)	Stantec 2018 Annual Report (for EPCGP)	Semi-annual groundwater monitoring, quarterly LNAPL recovery, installation of TW-1 through TW-3, and AS/SVE test results.
3/31/2020	nAUTOfAB000668 (Case # 3RP-239)	Stantec 2019 Annual Report (for EPCGP)	Semi-annual sampling and quarterly LNAPL recovery. Report stamped Accepted 10/28/2022.
4/1/2020	nAUTOfAB000668 (Case # 3RP-239)	Electronic correspondence from NMOCD to EPCGP regarding approval of 2019 Annual Report	Report approved contingent that EPCGP continue quarterly LNAPL recovery, and submit remediation plan by end of 2020.

State Gas Com N #1 Site History

San Juan River Basin, New Mexico

4/8/2021	nAUTOfAB000668	Stantec 2020 Annual Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery. Report stamped Accepted 10/28/2022.
8/23/2021	nAUTOfAB000668	Work Plan for SVE Test	Work plan for SVE test at MW-2, MW-5, MW-6 and MW-16. Stamped Approved 2/10/2022.
3/31/2022	nAUTOfAB000668	Stantec 2021 Annual Report (for EPCGP)	Semi-annual sampling and quarterly LNAPL recovery. Report stamped Accepted 10/28/2022.
3/29/2023	nAUTOfAB000668	Stantec 2022 Annual Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery. Report is online and stamped Reviewed 5/22/2023.
6/23/2023	nAUTOfAB000668	Monitoring Well Installation Work Plan	Work Plan for installation of MW-20 to delineate hydrocarbon impacts. Work Plan stamped Reviewed 11/7/2023.
8/15/2023	nAUTOfAB000668	Monitoring Well and Soil Boring Installation Work Plan	Work Plan for installation of MW-21 through MW-23 and SB-2 through SB-5 to further assess hydrocarbon impacts. Work Plan stamped Reviewed 10/4/2023.

APPENDIX B

NMOCD Notification of Site Activities

From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Bcc: [Varsa, Steve](#)
Subject: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Wednesday, August 16, 2023 1:56:00 PM

Hi Nelson -

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

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	8/27/2023
Fields A#7A	nAUTOfAB000176	8/30/2023
Fogelson 4-1	nAUTOfAB000192	8/31/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	8/31/2023
James F. Bell #1E	nAUTOfAB000291	8/25/2023
Johnston Fed #4	nAUTOfAB000305	8/30/2023
K27 LDO72	nAUTOfAB000316	8/31/2023
State Gas Com N #1	nAUTOfAB000668	8/29/2023

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: [SLO Spills](#)
To: [Varsa, Steve](#)
Cc: [Wiley, Joe](#)
Subject: RE: (LNAPL Recovery Event) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997
Date: Thursday, August 17, 2023 9:03:29 AM

Thank you for the notification.

Environmental Compliance Office

Surface Resources Division

eco@slo.state.nm.us

nmstatelands.org

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From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, August 16, 2023 4:43 PM
To: SLO Spills <spills@slo.state.nm.us>
Cc: Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXTERNAL] (LNAPL Recovery Event) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997

Hi Tami – this correspondence is to provide notice of a planned quarterly product recovery event at the subject El Paso CGP Company (EPCGP) site, to be conducted on August 29, 2023.

Please contact Joe Wiley, Project Manager for EPCGP, if you need anything further.

Thank you,
Steve

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

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

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

From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Subject: FW: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Wednesday, March 22, 2023 9:51:09 PM

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, March 22, 2023 9:33 PM
To: nelson.valez@state.nm
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: El Paso CGP Company - Notice of upcoming product recovery activities

Hi Nelson -

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

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	3/28/2023
Fields A#7A	nAUTOfAB000176	3/29/2023
Fogelson 4-1	nAUTOfAB000192	3/29/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	3/28/2023
James F. Bell #1E	nAUTOfAB000291	3/29/2023
Johnston Fed #4	nAUTOfAB000305	3/30/2023
K27 LDO72	nAUTOfAB000316	3/28/2023
Lateral L-40	nAUTOfAB000335	3/29/2023
State Gas Com N #1	nAUTOfAB000668	3/29/2023

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
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From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Friday, May 12, 2023 9:54:16 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	5/20/2023
Fields A#7A	nAUTOfAB000176	5/21/2023
Fogelson 4-1	nAUTOfAB000192	5/18/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/17/2023
GCU Com A #142E	nAUTOfAB000219	5/21/2023
James F. Bell #1E	nAUTOfAB000291	5/18/2023
Johnston Fed #4	nAUTOfAB000305	5/19/2023
Johnston Fed #6A	nAUTOfAB000309	5/19/2023
K27 LDO72	nAUTOfAB000316	5/20/2023
Knight #1	nAUTOfAB000324	5/17/2023
Lateral L 40 Line Drip	nAUTOfAB000335	5/21/2023
Sandoval GC A #1A	nAUTOfAB000635	5/19/2023
Standard Oil Com #1	nAUTOfAB000666	5/20/2023
State Gas Com N #1	nAUTOfAB000668	5/22/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Wednesday, May 17, 2023.

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: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: State Gas Com N#1 (Incident Number nAUTOfAB000668) - Notice of upcoming site activities
Date: Wednesday, October 4, 2023 5:00:59 PM

Hi Nelson, on behalf of El Paso CGP Company (EPCGP), Stantec is conducting well installation and soil boring advancement activities at the subject site beginning on October 9, 2023, and expected to go through October 16, 2023. Work plans for these activities has been submitted in the e-permitting portal.

Please feel free to contact me Joe Wiley, with EPCGP, if you have need anything further.

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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steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: eco@slo.state.nm.us
Cc: [Wiley, Joe](#)
Subject: FW: (Well Installation Work Plan) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997
Date: Wednesday, October 4, 2023 5:06:45 PM

Hi Tami – this correspondence is to provide an update that the subject work will be initiated on Monday, October 9, 2023, and is expected to go through October 16, 2023. The applicable water easement amendments are in place.

Please contact Joe Wiley, Remediation Manager with EPCGP, if you have any questions.

Thank you,
Steve

From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Wednesday, August 16, 2023 1:10 PM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: RE: (Well Installation Work Plan) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997

Thank you. Yes, ECO approves the additional work. Please make sure you have all necessary easement amendments from the NMSLO Water Bureau.

Thank you



Tami Knight, CHMM

Environmental Specialist
SRD-Environmental
Compliance Office (ECO)
505.670.1638
New Mexico State Land Office
1300 W. Broadway Avenue, Suite A
Bloomfield, NM 87413
tknight@slo.state.nm.us
nmstatelands.org

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From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, August 16, 2023 12:05 PM
To: Knight, Tami C. <tknight@slo.state.nm.us>
Cc: Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXTERNAL] RE: (Well Installation Work Plan) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997

Hi Tami – this work plan covers the installation of three additional monitoring wells, and advancement of four soil borings, to our previously-planned scope of work. The methodology is the same as the planned approved on 8/2/2023, and is intended to be conducted during the same drilling event.

Thank you,
Steve

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

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From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Wednesday, August 16, 2023 12:58 PM
To: Varsa, Steve <steve.varsa@stantec.com>
Cc: Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: RE: (Well Installation Work Plan) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997

Steve

Has something changed in this workplan? ECO previously approved the plan on 8/2/23.

Thank you



Tami Knight, CHMM

Environmental Specialist
SRD-Environmental
Compliance Office (ECO)
505.670.1638
New Mexico State Land Office
1300 W. Broadway Avenue, Suite A
Bloomfield, NM 87413
tknight@slo.state.nm.us
nmstatelands.org

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From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, August 16, 2023 10:01 AM
To: SLO Spills <spills@slo.state.nm.us>
Cc: Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXTERNAL] (Well Installation Work Plan) State Gas Com N#1 (nAUTOfAB000668) 05-03-1997

Hi Tami – on behalf of El Paso CGP Company (EPCGP), please find attached the subject work plan for SLO-ECO approval. Field activities are expected to be initiated the week of October 2, 2023.

Please contact Joe Wiley, Remediation Manager with EPCGP, 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
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Thursday, November 2, 2023 6:17:33 AM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOAB000065	11/12/2023
Fields A#7A	nAUTOAB000176	11/15/2023
Fogelson 4-1	nAUTOAB000192	11/8/2023
Gallegos Canyon Unit #124E	nAUTOAB000205	11/9/2023
GCU Com A #142E	nAUTOAB000219	11/9/2023
James F. Bell #1E	nAUTOAB000291	11/15/2023
Johnston Fed #4	nAUTOAB000305	11/11/2023
Johnston Fed #6A	nAUTOAB000309	11/11/2023
K27 LDO72	nAUTOAB000316	11/12/2023
Knight #1	nAUTOAB000324	11/7/2023
Lateral L 40 Line Drip	nAUTOAB000335	11/16/2023
Sandoval GC A #1A	nAUTOAB000635	11/11/2023
Standard Oil Com #1	nAUTOAB000666	11/12/2023
State Gas Com N #1	nAUTOAB000668	11/10/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Tuesday, November 7, 2023.

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

Thank you,
Steve

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

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APPENDIX C

NMOSE Well Permits



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
AZTEC

Mike A. Hamman, P.E.
State Engineer

100 Gossett Drive, Suite A
Aztec, New Mexico 87410

July 13, 2023

El Paso CGP Company, LLC
Attn: Joseph Wiley
1001 Louisiana St, Room 1445B
Houston, TX 77002

RE: Permit Approval to Drill Wells with No Water Right, SJ-4111 POD21-POD25, El Paso CGP Company, LLC, State Gas Com N#1 site, Rural San Juan County, New Mexico

Dear Mr. Wiley:

On June 14, 2023, the New Mexico Office of the State Engineer received an application for a permit for the drilling and use of four proposed groundwater monitoring wells and the advancement of four soil borings for site investigation activities at the above referenced location. Enclosed is a copy of the above numbered permit that has been approved subject to the conditions set forth on the approval pages and in the attached Conditions of Approval. Also enclosed is a receipt for the fees paid.

If you have any questions regarding this permitting action, please feel free to contact me at (505) 383-4571.

Sincerely,

Miles Juett
Watermaster
Water Rights Division – District V Office

Enclosures

cc: Aztec Reading (w/o enclosures)
SJ-4111 File
WATERS



NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):



For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well*(Pump test)	☐ Construction Site/Public Works Dewatering	☐ Other(Describe):
☒ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

☒ Temporary Request - Requested Start Date: July 24, 2023	Requested End Date: TBD
---	-------------------------

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: El Paso CGP Company, LLC	Name:
Contact or Agent: check here if Agent ☐ Joseph Wiley	Contact or Agent: check here if Agent ☐
Mailing Address: 1001 Louisiana Street, Room 1445B	Mailing Address:
City: Houston	City:
State: Texas	State:
Zip Code: 77002	Zip Code:
Phone: Phone (Work): (713) 420-3475	Phone: Phone (Work):
☐ Home ☐ Cell	☐ Home ☐ Cell
E-mail (optional): joe_wiley@kindermorgan.com	E-mail (optional):

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

2023 JUN 14 AM 10:40

FOR USE INTERNAL USE		Application for Permit, Form WR-07, Rev 07/12/22	
File No. SJ-4111 POD21-25	Trm. No.:	Receipt No. 5-7277	
Trans Description (optional):			
Sub-Basin:		PCW/LOG Due Date 7-13-2023	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.			
☐ NM State Plane (NAD83) (Feet) ☐ UTM (NAD83) (Meters) ☒ Lat/Long (WGS84) (to the nearest 1/10 th of second)			
☐ NM West Zone ☐ Zone 12N ☐ NM East Zone ☐ Zone 13N ☐ NM Central Zone			
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
(SJ-4111 POD21) SB2 through SB-5	-108.096593	36.901128	SE/4 NE/4 T31N, R12W, SE/4 NE/4 of Section 16, Unit H
(POD22) MW-20	-108.096503	36.900268	SE/4 NE/4 T31N, R12W, SE/4 NE/4 of Section 16, Unit H
(POD23) MW-21	-108.096856	36.900847	SE/4 NE/4 T31N, R12W, SE/4 NE/4 of Section 16, Unit H
(POD24) MW-22	-108.097001	36.901374	SW/4 NE/4 T31N, R12W, SE/4 NE/4 of Section 16, Unit H
(POD25) MW 23	-108.096515	36.90145	SE/4 NE/4 T31N, R12W, SE/4 NE/4 of Section 16, Unit H
NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many _____			
Other description relating well to common landmarks, streets, or other: Permit SJ-4111. State Gas Com N#1 site.			
Well is on land owned by: The State of New Mexico			
Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No If yes, how many _____			
Approximate depth of well (feet): 80		Outside diameter of well casing (inches): 2	
Driller Name: Cascade Environmental Drilling		Driller License Number: WD-1664	

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Because the New Mexico Oil Conservation Division (NMOCD) requires the delineation of groundwater to applicable NMWQCC standards as a condition for obtaining a No Further Action determination, additional groundwater assessment activities are being completed at this site. Four soil borings (SB-2 through SB-5) and four monitoring wells (MW-20 through MW-23) will be installed. The monitoring wells will be abandoned once a No Further Action determination has been granted by the NMOCD for the release.

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
2023 JUN 14 AM 10:40

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: SJ-4111 POD21-25

Trm No.:

Page 2 of 3

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: Is proposed well a future public water supply well? ☐ Yes ☐ NO If Yes, an application must be filed with NMED-DWB, concurrently. ☐ Include a description of the requested pump test if applicable.	Pollution Control and/or Recovery: ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of. Ground Source Heat Pump: ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring ☒ The reason and duration of the monitoring is required.			

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Joseph Wiley

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Joseph Wiley
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 13 day of July 20 23, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: Miles Juett
Signature

Miles Juett
Print

Title: Watermaster

Print 04 JUN 14 AM 10:40

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: SJ-4111 POD21-25

Trn No.:

**NMOSE Permit to Drill a Well With No Water Right
SJ-4111 POD21-POD25**

Upon review of the application materials, the New Mexico Office of the State Engineer (NMOSE) has determined that existing water rights will not be impaired by this activity. This application is approved without publication provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state. This application approval (i.e., permit) is further subject to the following conditions of approval.

1. This permit is approved as follows:

Permittee(s): El Paso CGP Company, LLC
Attn: Joseph Wiley
1001 Louisiana St, Room 1445B
Houston, TX 77002

Permit Number: SJ-4111

Application File Date: June 14, 2023

Priority: N/A

Source: Groundwater

Point(s) of Diversion: Four new points of diversion (PODs), SJ-4111 POD22-POD25, are proposed to be installed for temporary use to conduct groundwater monitoring activities associated with the El Paso State Gas Com N#1 site investigation (Table 1). The wells will be located on land owned by the State of New Mexico in San Juan County, New Mexico. The PODs will be located within the SE/4 NE/4 of Section 16, Township 31 North, Range 12 West NMPM, at the following approximate point locations (Lat./Long., NAD83; Decimal Degrees). In addition to the four proposed monitoring wells, Soil Borings SB-2 through SB-5 are to be advanced to a depth of approximately 80' BGS. One of the soil borings may be completed as a monitoring well and should be designated as POD21 on the submitted well record and identified accordingly. Soil borings not converted to monitoring wells shall be plugged per Condition 10 below.

Table 1: Proposed Monitoring Wells.

POD Number and Owner's Well Name	Casing: Outside Diameter (inches) and Depth (feet)		Latitude (Degrees N)	Longitude (Degrees W)
SJ-4111 POD 21 (SB-2 thru SB-5)	n/a	80	36.901128	108.096593
SJ-4111 POD 22 (MW-20)	2	80	36.900268	108.096503
SJ-4111 POD 23 (MW-21)	2	80	36.900847	108.096856
SJ-4111 POD 24 (MW-22)	2	80	36.901374	108.097001
SJ-4111 POD 25 (MW-23)	2	80	36.901450	108.096515

Purpose of Use: Groundwater monitoring

NMOSE Permit to Drill a Well With No Water Right
Conditions of Approval

SJ-4111 POD21-POD25

Page 2 of 5
July 13, 2023

Place of Use: N/A

Amount of Water: N/A

2. No water shall be appropriated and beneficially used from any wells or borings approved under this permit.
3. No water shall be diverted from the well(s) except for initial well development and periodic sampling purposes. Upon completion of monitoring activities the well(s) shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water is acquired from the NMOSE.
4. The well(s) may continue to be used indefinitely for groundwater sampling or monitoring required for the current site investigation and any associated remediation, so long as they remain in good repair. **A new permit shall be obtained from the NMOSE prior to replacing a well(s) or for any change in use as approved herein.**
5. Water well drilling and well drilling activities, including well plugging, are regulated under NMOSE Regulations 19.27.4 NMAC. These regulations apply, and provide both general and specific direction regarding the drilling of wells in New Mexico. Note that the construction of any well that allows groundwater to flow uncontrolled to the land surface or to move appreciably between geologic units is prohibited. Based on the proposed well construction information provided regarding the subject well(s), the following variances have been provided from 19.27.4.29 and 19.27.4.30 NMAC.
6. In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging is required by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30 and 19.27.4.31 NMAC. However, pursuant to 72-12-12 NMSA 1978 and 19.27.4.8 NMAC, a driller's license is not required for the construction of a driven well with an outside casing diameter of 2½ inches or less and that does not require the use of a drill rig (e.g., auger) for installation. This exemption is not applicable to well plugging.
7. The permittee has not stated whether artesian conditions are likely to be encountered at the proposed well/borehole location(s). However, if artesian conditions are encountered during drilling, all rules and regulations pertaining to the drilling and casing and plugging of artesian wells shall be followed.
8. A Well Record documenting the as-built well construction and materials used shall be filed for each of the new wells in accordance with Subsection N of 19.27.4.29 NMAC. **Well Records shall be filed with the State Engineer (NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410) within 30 days after completion of the well(s).** Well installation(s) shall be complete and the well record(s) filed no later than one year from the date of approval of this permit. The well record form is available at <http://www.ose.state.nm.us/STST/wdForms.php>.
9. If the required Well Record documentation is not received within one year of the date of permit approval, this permit will automatically expire.

10. When the permittee receives approval or direction to permanently abandon the well(s)/borehole(s) covered by this permit, plugging shall be performed by a New Mexico licensed well driller. The well(s)/borehole(s) shall be plugged pursuant to Subsection C of 19.27.4.30 NMAC using the following method, unless an alternate plugging method has been proposed by or on behalf of the well owner and approved by the NMOSE. If a well/borehole has encountered artesian conditions, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities concerning artesian wells. Additionally, if the following standardized plugging sealant is not appropriate for use due to incompatibility with the water quality or any soil and water contaminants encountered, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities.

- a. Obstructions in a well/borehole shall be identified and removed if possible. If an obstruction cannot be removed, the method used to grout below and around the obstruction shall be described in detail in the plugging record.
- b. Prior to plugging, calculate the theoretical volume of sealant needed for abandonment of the well/borehole based on the actual measured pluggable depth of the well/borehole and the volume factor for the casing/borehole diameter. Compare the actual volume of sealant placed in the well/borehole with the theoretical volume to verify the actual volume of sealant is equal to or exceeds the theoretical volume.
- c. Portland Type I/II cement shall be used for the plugging sealant. The water mixed with the cement to create the plugging sealant shall be potable water or of similar quality. Portland cement has a fundamental water demand of 5.2 gallons of water per 94-lb sack of cement. Up to a maximum of 6.0 gallons per 94-lb sack is acceptable to allow for greater pumpability.

Pure bentonite powder ("90 barrel yield") is allowed as a cement additive by NMOSE and American Water Works Association (AWWA) guidelines. If a bentonite additive is used, the following rates and mixing guidelines shall be followed. For a rate or a mixing procedure other than that provided below, the NMOSE District V office must be contacted for pre-approval. Neither granular bentonite nor extended-yield bentonite shall be mixed with cement for the purpose of this plugging activity. When supplementing a cement slurry with bentonite powder, water demand for the mix increases at a rate of approximately 0.65 gallon of water for each 1% increment of bentonite bdwc (by dry weight cement) above the stated base water demand of 5.2 gallons water per 94-lb sack of cement for neat cement. Bentonite powder must be hydrated separately with its required increment of water before being mixed into the wet neat cement. If water is otherwise added to the combination of dry ingredients or the dry bentonite is blended into wet cement, the alkalinity of the cement will restrict the yield of the bentonite powder, resulting in excess free water in the slurry and excessive cement shrinkage upon curing.

- d. Placement of the sealant within the well/borehole shall be by pumping through a tremie pipe extended to near the bottom of the well/borehole and kept below the top of the slurry column (i.e., immersed in the slurry) as the well/borehole is plugged from bottom upwards in a manner that displaces the standing water column.

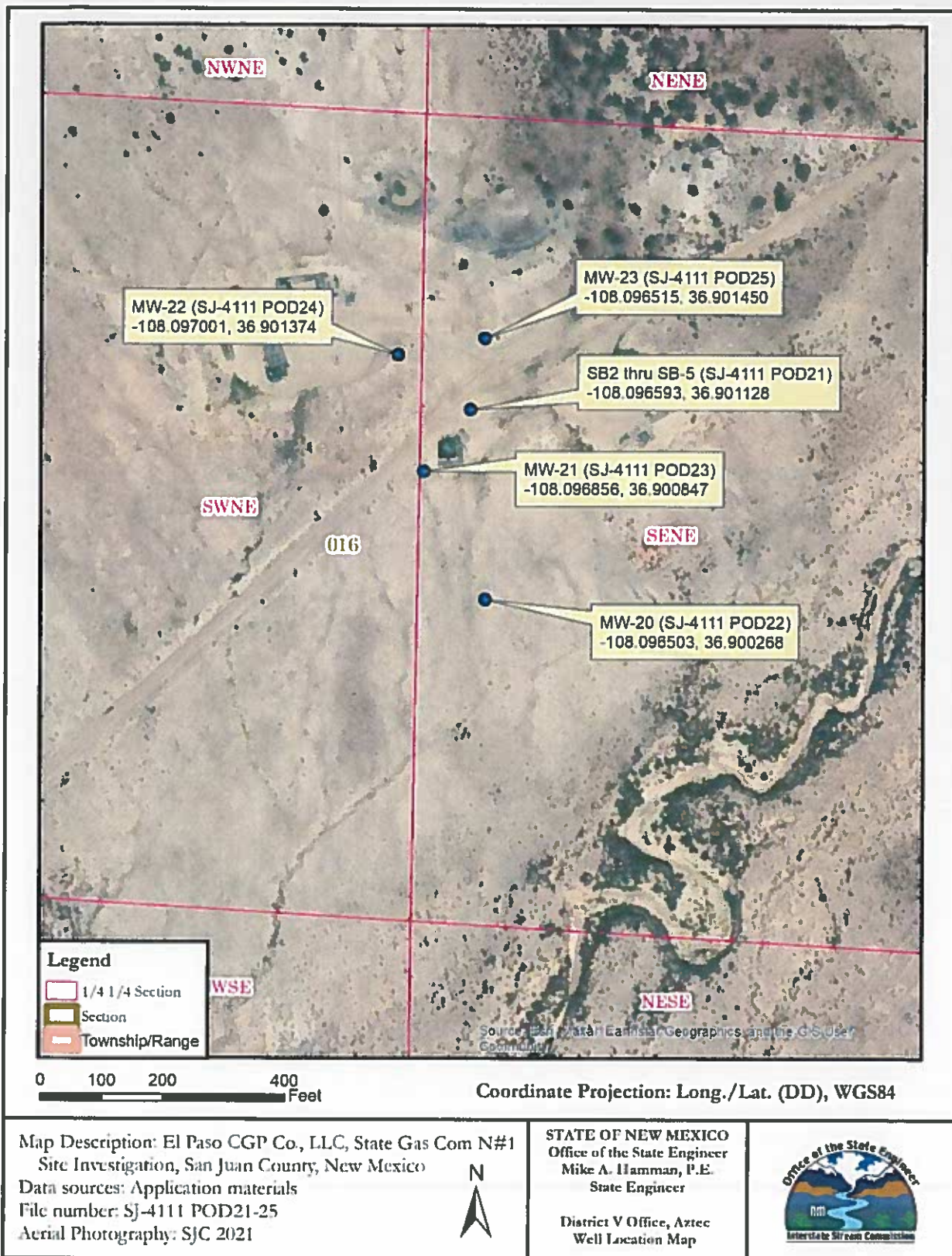
- e. Prior to, or upon completion of plugging, the well casing may be cut-off below grade as necessary to allow for approved construction onsite, provided a minimum six-inch thickness of reinforced abandonment plugging sealant or concrete completely covers the top of the cut-off casing. Any remaining void to the surface may be filled with native soil, concrete, or asphalt as needed to match the surrounding surface material and blended with the surface topography to prevent ponding.
- f. **Within 30 days after completion of well/borehole plugging, a complete Plugging Record shall be filed with the State Engineer** in accordance with Paragraph (3) of Subsection C of 19.27.4.30 NMAC for each well/boring plugged. The Well Plugging Record(s) shall be filed with the State Engineer at the NMOSE District V Office, 100 Gossett Drive, Suite A, Aztec, NM 87410. The well plugging record form is available at <http://www.ose.state.nm.us/STST/wdForms.php>.
11. In accordance with Subsection C of 19.27.4.30 NMAC, a well/borehole that does not encounter groundwater may be immediately plugged by filling with drill cuttings or clean native fill to within 10 feet of land surface and by plugging the remaining 10 feet to the land surface with a sealant approved by the Office of the State Engineer. A Plugging Record shall be filed with the State Engineer as described above.
12. Should another regulatory agency sharing jurisdiction of the project authorize, or by regulation require, more stringent requirements than stated herein, the more stringent procedure should be followed. These, among others, may include provisions regarding pre-authorization to proceed, type of methods and materials used, inspection, or prohibition of free discharge of any fluid or other material to or from the well that is related to the drilling and/or monitoring process.
13. Pursuant to 72-12-3 NMSA 1978, the applicant may or may not have provided written documentation which the applicant claims as confirmation that access has been granted for the aforementioned well(s) to be located on property owned by someone other than the well owner/applicant. NMOSE approval of this permit in no way infers the right of access to land not owned by the well owner/applicant.
14. The State Engineer retains jurisdiction of this permit.

The application for drilling well(s) SJ-4111 POD21 through POD25 without a water right, submitted on June 14, 2023, is hereby approved with the aforesaid conditions applied, when signed by an authorized designee of the State Engineer:

Witness my hand and seal this 13th day of July, A.D. 2023.
Mike A. Hamman, P.E., State Engineer

By:

Miles Juett, Watermaster
Water Rights Division District V



APPENDIX D

NMOSE Well Plugging Forms





PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SJ-4111 POD-21

Well owner: El Paso CGP Company, LLC

Phone No.: 713-420-3475

Mailing address: 1001 Louisiana Street, Room 144B

City: Houston

State: Texas

Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: SB-2
- 2) New Mexico Well Driller License No.: 1664 Expiration Date: _____
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): _____
- 4) Date well plugging began: 10/13/2023 Date well plugging concluded: 10/13/2023
- 5) GPS Well Location: Latitude: 36° deg, 54 min, 04.0608 sec
Longitude: -108° deg, 05 min, 47.7348 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 80 ft below ground level (bgl),
by the following manner: Tremie from bottom up with Neat cement.
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/13/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Drilled 4 Soil Borings to 80 ft and grouted them back to surface from the bottom up with tremie pipe and used neat cement.

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Shawn Cain, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Sh. C.

11-29-25

Date _____



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SJ-4111 POD-21

Well owner: El Paso CGP Company, LLC

Phone No.: 713-420-3475

Mailing address: 1001 Louisiana Street, Room 144B

City: Houston

State: Texas

Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: SB-3
- 2) New Mexico Well Driller License No.: 1664 Expiration Date: _____
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): _____
- 4) Date well plugging began: 10/13/2023 Date well plugging concluded: 10/13/2023
- 5) GPS Well Location: Latitude: 36° deg, 54 min, 04.0608 sec
Longitude: -108° deg, 05 min, 47.7348 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 80 ft below ground level (bgl),
by the following manner: Tremie from bottom up with Neat cement.
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/13/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Drilled 4 Soil Borings to 80 ft and grouted them back to surface from the bottom up with tremie pipe and used neat cement.

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

I, Shawn Cain, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Date _____



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SJ-4111 POD-21

Well owner: El Paso CGP Company, LLC

Phone No.: 713-420-3475

Mailing address: 1001 Louisiana Street, Room 144B

City: Houston

State: Texas

Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: SB-4
- 2) New Mexico Well Driller License No.: 1664 Expiration Date: _____
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): _____
- 4) Date well plugging began: 10/13/2023 Date well plugging concluded: 10/13/2023
- 5) GPS Well Location: Latitude: 36° deg, 54 min, 04.0608 sec
Longitude: -108° deg, 05 min, 47.7348 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 80 ft below ground level (bgl),
by the following manner: Tremie from bottom up with Neat cement.
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/13/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Drilled 4 Soil Borings to 80 ft and grouted them back to surface from the bottom up with tremie pipe and used neat cement.

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Shanna Cain, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

11-29-78
Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SJ-4111 POD-21

Well owner: El Paso CGP Company, LLC

Phone No.: 713-420-3475

Mailing address: 1001 Louisiana Street, Room 144B

City: Houston

State: Texas

Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: SB-5
- 2) New Mexico Well Driller License No.: 1664 Expiration Date: _____
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): _____
- 4) Date well plugging began: 10/13/2023 Date well plugging concluded: 10/13/2023
- 5) GPS Well Location: Latitude: 36° deg, 54 min, 04.0608 sec
Longitude: -108° deg, 05 min, 47.7348 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 80 ft below ground level (bgl),
by the following manner: Tremie from bottom up with Neat cement.
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/13/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Drilled 4 Soil Borings to 80 ft and grouted them back to surface from the bottom up with tremie pipe and used neat cement.

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
	Neat-Cement 0-80'	138 gallons	125 gallons	Tremie	Soil boring no well installed.

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Shawn Cain, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.


Signature of Well Driller

11-29-23
Date

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z0152R20295751416

Weight

0.50 LBS

Service

UPS 2nd Day Air®

Shipped / Billed On

12/07/2023

Delivered On

12/11/2023 8:48 A.M.

Delivered To

AZTEC, NM, US

Received By

BLECHA

Left At

Inside Delivery

Please print for your records as photo and details are only available for a limited time.

Sincerely,

UPS

Tracking results provided by UPS: 03/11/2024 5:22 P.M. EST

APPENDIX E

NMOSE Well Completion Forms



Stantec 113-23-1180 mw-20



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-22 (MW-20)		WELL TAG ID NO.		OSE FILE NO(S) SJ-4111				
	WELL OWNER NAME(S) Joseph Wiley				PHONE (OPTIONAL) 713-420-3475				
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B				CITY Houston		STATE Texas	ZIP 77002	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 36°	MINUTES 54	SECONDS 00.9648	N			
		LONGITUDE	-108°	05	47.4108	W			
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84									
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H									
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling L.P		
	DRILLING STARTED 10/10/2023		DRILLING ENDED 10/11/2023		DEPTH OF COMPLETED WELL (FT) 86.5		BORE HOLE DEPTH (FT) 90		
	DEPTH WATER FIRST ENCOUNTERED (FT)								
	COMPLETED WELL IS: ☐ ARTESIAN *add ☐ DRY HOLE ☒ SHALLOW (UNCONFINED) Centralizer info below						STATIC WATER LEVEL IN COMPLETED WELL (FT)		DATE STATIC MEASURED
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:								
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Sonic								
	CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐								
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							
	0	56.5	6"	2" sch 40 PVC	Flush Thread	2.067	.154		
56.5	86.5	6"	2" sch 40 PVC .010 screen	Flush Thread	2.067	.154	.010		
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(If using Centralizers for Artesian wells, indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO							
	0	47	6"	Cement-Bentonite grout	3.284	tremie			
	47	53	6"	Chips	1.075	Gravity			
	53	88	6"	20/40 Sand	6.5	Gravity			
	88	90	6"	Chips	.352	Gravity			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.		POD NO.	TRN NO.
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	90	90	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	SH C. Sham C. i SIGNATURE OF DRILLER / PRINT SIGNEE NAME	11-29-23 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-23 (MW-21)			WELL TAG ID NO.			OSE FILE NO(S). SJ-4111			
	WELL OWNER NAME(S) Joseph Wiley						PHONE (OPTIONAL) 713-420-3475			
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B						CITY Houston		STATE Texas	ZIP 77002
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE		MINUTES 36°	SECONDS 54	03.0492	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE		-108°	05	48.6816	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H										
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling L.P			
	DRILLING STARTED 10/11/2023		DRILLING ENDED 10/12/2023		DEPTH OF COMPLETED WELL (FT) 88'		BORE HOLE DEPTH (FT) 88'		DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT)		DATE STATIC MEASURED	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:									
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Sonic						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐			
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
	FROM	TO								
	0	58	6"	2" sch 40 PVC	Flush Thread	2.067	.154			
	58	88	6"	2" sch 40 PVC .010 screen	Flush Thread	2.067	.154	.010		
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <u>* (if using Centralizers for Artesian wells- indicate the spacing below)</u>		AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO								
	0	50	6"	Cement-Bentonite grout		8.689	tremie			
	50	55	6"	Chips		1.0	Gravity			
	55	88	6"	20/40 Sand		6.12	Gravity			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO			Y	N	
	0	88	88	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): .5		
☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:							

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNED NAME	11-29-23 DATE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2

Stantec 113-23-1180 MW-22



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-24 (MW-22)		WELL TAG ID NO.		OSE FILE NO(S) SJ-4111			
	WELL OWNER NAME(S) Joseph Wiley				PHONE (OPTIONAL) 713-420-3475			
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B				CITY Houston	STATE Texas	ZIP 77002	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 36°	MINUTES 54	SECONDS 04.9464 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling L.P		
	DRILLING STARTED 10/11/2023		DRILLING ENDED 10/12/2023		DEPTH OF COMPLETED WELL (FT) 90'	BORE HOLE DEPTH (FT) 90'	DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Sonic						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 60		6"	2" sch 40 PVC	Flush Thread	2.067	.154	
	60 90		6"	2" sch 40 PVC .010 screen	Flush Thread	2.067	.154	.010
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	0 51		6"	Cement-Bentonite grout	9.090	tremie		
	51 56		6"	Chips	1.0	Gravity		
	56 90		6"	20/40 Sand	6.12	Gravity		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	90	90	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

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

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO					
	0	90	90	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING.	
	 Shawn Cain SIGNATURE OF DRILLER / PRINT SIGNEE NAME	11-29-23 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
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LOCATION	WELL TAG ID NO.		PAGE 2 OF 2

Stated 113-23-1180 SB-2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-21 (SB-2)		WELL TAG ID NO.		OSE FILE NO(S). SJ-4111			
	WELL OWNER NAME(S) Joseph Wiley				PHONE (OPTIONAL) 713-420-3475			
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B				CITY STATE ZIP Houston Texas 77002			
	WELL LOCATION (FROM GPS)	DEGREES 36°	MINUTES 54	SECONDS 04.0608 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LATITUDE	LONGITUDE	-108° 05 47.7348 W				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling L.P		
	DRILLING STARTED 10/13/2023		DRILLING ENDED 10/13/2023		DEPTH OF COMPLETED WELL (FT) 80'		BORE HOLE DEPTH (FT) 80'	DEPTH WATER FIRST ENCOUNTERED (FT)
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		DATE STATIC MEASURED
	DRILLING FLUID: ☐ AIR ☐ MUD					ADDITIVES – SPECIFY:		
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Sonic					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0 80		6"					
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	80	6"	Neat-cement grout	17.6785	tremie		

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	80	80	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	11-29-23 DATE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-21 (SB-3)			WELL TAG ID NO.			OSE FILE NO(S). SJ-4111			
	WELL OWNER NAME(S) Joseph Wiley						PHONE (OPTIONAL) 713-420-3475			
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B						CITY Houston		STATE Texas	ZIP 77002
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE 36°		MINUTES 54	SECONDS 04.0608	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
LONGITUDE -108°			05	47.7348	W	* DATUM REQUIRED: WGS 84				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H										

2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling L.P				
	DRILLING STARTED 10/13/2023		DRILLING ENDED 10/13/2023		DEPTH OF COMPLETED WELL (FT) 80'		BORE HOLE DEPTH (FT) 80'		DEPTH WATER FIRST ENCOUNTERED (FT)		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)							STATIC WATER LEVEL IN COMPLETED WELL (FT)		DATE STATIC MEASURED	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:										
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Sonic							CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐			
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)			
FROM	TO										
0	80	6"									

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	80	6"	Neat-cement grout	17.6785	tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/27/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	80	80	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Shawn Cain	11-29-23
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
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LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

Stanlec 113-23-7180 SB-4



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-21 (SB-4)				WELL TAG ID NO.		OSE FILE NO(S). SJ-4111	
	WELL OWNER NAME(S) Joseph Wiley						PHONE (OPTIONAL) 713-420-3475	
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B						CITY Houston	STATE Texas ZIP 77002
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE	MINUTES 36°	SECONDS 54	04.0608	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	-108°	05	47.7348	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H								

2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling L.P	
	DRILLING STARTED 10/13/2023		DRILLING ENDED 10/13/2023		DEPTH OF COMPLETED WELL (FT) 80'		BORE HOLE DEPTH (FT) 80'	
	DEPTH WATER FIRST ENCOUNTERED (FT)		COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:						STATIC WATER LEVEL IN COMPLETED WELL (FT)	
	DATE STATIC MEASURED							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Sonic						CHECK HERE IF PITLESS ADAPTER IS ☐ INSTALLED	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE (add coupling diameter)	
FROM	TO					CASING INSIDE DIAM. (inches)		
0	80	6"				CASING WALL THICKNESS (inches)		
						SLOT SIZE (inches)		

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	80	6"	Neat-cement grout	17.6785	tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	80	80	Clays, Sandstone, Shale intermittent layers and lenses	Y	✓ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION:							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:  SIGNATURE OF DRILLER / PRINT SIGNEE NAME 11-29-23 DATE						

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-21 (SB-5)			WELL TAG ID NO.			OSE FILE NO(S). SJ-4111			
	WELL OWNER NAME(S) Joseph Wiley						PHONE (OPTIONAL) 713-420-3475			
	WELL OWNER MAILING ADDRESS 1001 Louisiana Street, Room 1445B						CITY Houston		STATE Texas	ZIP 77002
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE		MINUTES 36°	SECONDS 54	04.0608	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE		-108°	05	47.7348				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE T31N,R12W,SE/4 NE/4 of Section 16, Unit H										

2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain				NAME OF WELL DRILLING COMPANY Cascade Drilling L.P			
	DRILLING STARTED 10/13/2023		DRILLING ENDED 10/13/2023		DEPTH OF COMPLETED WELL (FT) 80'		BORE HOLE DEPTH (FT) 80'		DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)							STATIC WATER LEVEL IN COMPLETED WELL (FT)		DATE STATIC MEASURED
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:									
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Sonic							CHECK HERE IF PITLESS ADAPTER IS ☐ INSTALLED		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
FROM	TO									
0	80	6"								

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	80	6"	Neat-cement grout	17.6785	tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO					
	0	80	80	Clays, Sandstone, Shale intermittent layers and lenses	Y	☒ N	0.50
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): .5	

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

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Shawn Cain 11-29-23 DATE	

FOR USE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.		POD NO.		TRN NO.	
LOCATION			WELL TAG ID NO.		PAGE 2 OF 2

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z0152R20295751416

Weight

0.50 LBS

Service

UPS 2nd Day Air®

Shipped / Billed On

12/07/2023

Delivered On

12/11/2023 8:48 A.M.

Delivered To

AZTEC, NM, US
Received By

BLECHA

Left At

Inside Delivery

Please print for your records as photo and details are only available for a limited time.

Sincerely,

UPS

Tracking results provided by UPS: 03/11/2024 5:22 P.M. EST

APPENDIX F

Boring Logs and Well Diagrams



Drilling Log

Monitoring Well **MW-20**

Page: 1 of 3

Project	<u>State Gas Com N#1</u>			Owner	<u>EPCGPC</u>		
Location <u>San Juan County, New Mexico</u>				Project Number <u>193709827</u>			
Surface Elev.	<u>6111.32 ft</u>	North	<u>2147129.38</u>	East	<u>2646144.07</u>		
Top of Casing	<u>6113.69 ft</u>	Water Level Initial	<u>▽</u>	Static	<u>▼</u>		
Hole Depth	<u>90.0 ft</u>	Screen: Diameter	<u>2 in</u>	Length	<u>30.0 ft</u>	Type/Size <u>PVC/0.01 in</u>	
Hole Diameter	<u>6.0 in</u>	Casing: Diameter	<u>2 in</u>	Length	<u>59.3 ft</u>	Type <u>PVC</u>	
Drill Co.	<u>Cascade Drilling</u>		Drilling Method	<u>Sonic</u>		Sand Pack <u>20-40 silica</u>	
Driller	<u>Rico Rodriguez</u>		Driller Reg. #	<u>WD-1210</u>		Log By <u>Scott Stanley</u>	
Start Date	<u>10/9/2023</u>		Completion Date	<u>10/11/2023</u>		Checked By <u>Steve Varsa</u>	

COMMENTS

The groundwater elevation in nearby monitoring well MW-13 was 6037.32 feet amsl on 10/11/2023. MW-20 was gauged as dry on 10/13/2023 and 11/10/2023.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0						0-10' hydro-excavated. 0-2' no recovery.	
	0.0	0%			SM	Sand with silt, brown (7.5YR 5/3), loose, dry, moderately graded. no odor.	
		100%				No recovery.	
	0.0	0%			SM	Sand with silt, fine-grained, yellowish-orange (10YR 5/2), dry, moderately graded, no odor.	
5		100%				No recovery.	
	0.0	0%			SM	Same as above, except yellowish-orange to pale brown (10YR 6/3).	
		100%				No recovery.	
	0.0	0%			SM	Same as above.	
		100%				No recovery.	
10		100%			SM	Sand with silt, fine-grained, brown to yellowish-orange (10YR 5/3), loose to medium dense, dry, weakly cemented, no odor.	
	0.0	0%				No recovery.	
	0.0	70%				No recovery.	
	0.0	NR				No recovery.	
	0.0	NR				No recovery.	
15					SM	Same as above.	
	0.0					No recovery.	
	0.0					No recovery.	
	0.0					No recovery.	
	0.0					No recovery.	
20		80%			SM	Sand, little silt, yellowish-orange (10YR 5/4/3), loose, dry, poorly-graded. no odor.	
	0.0				SP SM	Sand with silt, fine-grained, brown to yellowish-orange (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded, no odor.	
	0.0				SM	No recovery.	
	NR					No recovery.	
25					SM	Same as above.	
	0.0					No recovery.	
	0.0					No recovery.	
	0.0					No recovery.	
	0.0					No recovery.	
30		90%			SM	Sand, little silt, fine-grained, yellowish-orange (10YR 5/3), loose, dry, poorly-graded, no odor. *MW-20 @ 32'.	
	0.0*				SP SM	Sand with silt, fine-grained, brown to yellowish-orange (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded, no odor.	
	0.0				SM	No recovery.	
	0.0					No recovery.	
35		NR				No recovery.	

Continued Next Page

Continued Next Page



Drilling Log

Monitoring Well **MW-20**

Page: 2 of 3

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
Continued							
35	0.0	73%			SP	Sand with silt, fine-grained, brown to yellowish-orange (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded, no odor. Silt, little fine-grained sand, yellowish-brown (10YR 5/4), hard, dry, weakly cemented, non-plastic, no odor.	
	0.0				SM		
	0.0						
	0.0						
	0.0				ML		
	0.0						
40	0.0	73%				No recovery.	
	0.0						
	NR						
	NR						
	NR						
	0.0				ML		
45	0.0	100%			ML	Same as above.	
	0.0						
	0.0				SP		
	0.0				SM		
	0.0				SM		
	0.0						
50	0.1	94%			ML	Sand, little silt, fine-grained, very pale brown (10YR 7/4), loose, dry, poorly-graded, no odor. Sand, silty, fine-grained, pale brown (10YR 6/3), medium dense, dry, weakly cemented, moderately graded, no odor. Silt, trace fine-grained sand, brown (10YR 5/3), hard, dry, weakly cemented, non-plastic, no odor. *MW-20 @ 52'.	
	0.3*						
	0.0						
	0.2				SM		
	0.0				ML		
	0.0						
55	0.0	92%			SW	Sand, silty, fine-grained, pale brown (10YR 6/3), medium dense, dry, weakly cemented, moderately graded, no odor. Silt, little fine-grained sand, brown to yellowish-orange (10YR 5/3), hard, dry, weakly cemented, non-plastic, no odor. No recovery. Sand, little silt, fine to coarse-grained, pebbles, yellowish-brown to brown (10YR 5/4 to 4/3), loose, dry, well-graded, no odor. Silt, trace fine-grained sand, yellowish-brown (10YR 5/4), hard, dry, non-plastic, no odor.	
	0.2				SM		
	0.0						
	0.0				ML		
	0.0						
	0.0						
60	4.5	100%				No recovery. Silt, dark gray (10YR 4/1), hard, dry, weakly cemented, non-plastic, slight odor.	
	3.7						
	4.1				ML		
	0.3						
	20.7						
	227.9						
65	1369*	100%			ML	Same as above, except pale brown (10YR 6/3), strong odor. *MW-20 @ 67'. Silt, gray (Gley 1 6/N), hard, dry, weakly cemented, non-plastic, moderate odor.	
	71.2						
	123.9				ML		
	72.5						
	2.4						
	0.2				ML		
70	2.9	100%				Same as above, except low odor.	
	1.8						
	14.0						
	102						
	8.0						
	43.8				ML		
75	80.9	100%				Silt, gray (Gley 1 6/N), hard, dry, weakly cemented, non-plastic, low to no odor.	
	30.5						
	0.3				ML		
80		100%				Same as above, except dark gray (Gley 1 4/N), no cementation, no odor.	

Continued Next Page

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-20**

Page: 3 of 3

Project State Gas Com N#1 Owner EPCGPCLocation San Juan County, New Mexico Project Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
						<i>Continued</i>	
85	0.0 0.0 0.0 1.2 2.4 1.4 2.5 2.6 0.8	100%			ML		
						Same as above, except gray (Gley 1 6/N).	
90		100%			ML		
						End of boring = 90'. Well set at 86.5'.	
95							
100							
105							
110							
115							
120							
125							

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-21**

Page: 1 of 3

Project State Gas Com N#1 Owner EPCGPC

Location San Juan County, New Mexico Project Number 193709827

Surface Elev. 6117.10 ft North 2147340.71 East 2646040.62

Top of Casing 6117.24 ft Water Level Initial 6034.89 10/21/23 00:00 Static 6036.44 11/10/23 00:00

Hole Depth 88.0 ft Screen: Diameter 2 in Length 30.0 ft Type/Size PVC/0.01 in

Hole Diameter 6.0 in Casing: Diameter 2 in Length 60.4 ft Type PVC

Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack 20-40 silica

Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley

Start Date 10/9/2023 Completion Date 10/12/2023 Checked By Steve Varsa

COMMENTS

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0						0-10' hydro-excavated. 0-2' no recovery.	
	0.0	0%			SM	Sand with silt, fine-grained, light brownish-gray (10YR 6/2), loose, dry, moderately graded. no odor.	
	0.0	100%			SM	No recovery.	
5	0.0	0%			SM	Same as above, except brown (10YR 5/3).	
	0.0	100%			SM	No recovery.	
	0.0	0%			SM	Same as above.	
	0.0	100%			SM	No recovery.	
	0.0	0%			SM	Same as above.	
	0.0	100%			SM	No recovery.	
10	0.0	100%			SM	Sand with silt, fine-grained, brown (10YR 5/3), loose to medium dense, dry, weakly cemented, no odor.	
	0.0	0%					
	0.0	76%					
	NR					No recovery.	
15	0.0				SM	Same as above.	
	0.1						
	0.0	80%					
	0.0					No recovery.	
20	0.2				SM	Same as above.	
	0.0						
	0.0	80%					
	0.0					No recovery.	
25	0.1				SM	Same as above.	
	0.1				SP		
	0.1	66%			SM	Sand, little silt, fine-grained, brown (10YR 5/3), loose, dry, poorly-graded, no odor.	
	NR					Sand with silt, fine-grained, brown (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded, no odor.	
30	NR					No recovery.	
	0.2				SP		
	0.6*				SM	Sand, little silt, fine-grained, brown (10YR 5/3), loose, dry, poorly-graded, no odor.	
	0.5	70%				Sand with silt, fine-grained, brown (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded, no odor. *MW-21 @ 32'.	
	NR					No recovery.	
35	0.2						

Continued Next Page

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-21**

Page: 2 of 3

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
35						<i>Continued</i>	
0.2		80%			ML	Silt, little fine-grained sand, yellowish-brown (10YR 5/4), hard, dry, moderately cemented, non-plastic, no odor.	
0.5							
0.2							
0.2							
0.0						No recovery.	
40		84%			ML	Silt, little fine-grained sand, yellowish-brown (10YR 5/4), hard, dry, moderately cemented, non-plastic, no odor.	
0.3							
0.4							
0.2							
1.2							
0.2						No recovery.	
45		80%			ML	Same as above, except dark grayish-brown (10YR 4/2), weakly cemented.	
0.1							
0.2							
0.3							
0.2							
0.0						No recovery.	
50		84%			ML	Same as above.	
0.2							
0.8							
2.1							
0.6							
0.2						No recovery.	
55		88%			ML	Silt, little fine-grained sand, dark grayish-brown (10YR 4/2), hard, dry, weakly cemented, non-plastic, no odor.	
0.4							
1.6							
0.4							
0.6							
0.6						No recovery.	
60		92%			ML	Silt, trace fine-grained sand, dark gray (10YR 4/1), hard to very hard, non-plastic, no odor. *MW-21 @ 64'.	
1.2							
2.5							
1.2							
4.4*							
1.2						No recovery.	
65		90%			ML	Same as above, except strong odor. *MW-21 @ 69'.	
15.9							
5.1							
120.8							
356*							
2.6						No recovery.	
70		90%			ML	Silt, gray (Gley 1 6/N), hard, dry, weakly cemented, non-plastic, no odor.	
3.9							
1.5							
1.5							
1.2							
0.2						No recovery.	
75		80%			ML	Same as above.	
0.3							
1.2							
1.2							
1.0							
1855						No recovery.	
80	2890	84%			SM	Sand with silt, fine-grained, light gray (Gley 1 7/N), loose, moist (driller added water), moderately graded, strong odor.	

Continued Next Page

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-21**

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Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
						<i>Continued</i>	
▽	2418				ML		
	71.2				ML	Silt, light gray to buff (10YR 7/1), hard, dry, weakly cemented, non-plastic, slight odor.	
	23.0	84%			ML	Same as above, except light gray (Gley 1 7/N).	
85	6.9					No recovery.	
	4.0					Same as above, except no odor.	
	2.2	100%			ML		
	17.0						
90						End of boring = 88'. Well set at 88'.	
95							
100							
105							
110							
115							
120							
125							

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-22**

Page: 1 of 3

Project State Gas Com N#1 Owner EPCGPC

Location San Juan County, New Mexico Project Number 193709827

Surface Elev. 6122.23 ft North 2147508.42 East 2646053.2

Top of Casing 6124.72 ft Water Level Initial 6034.15 10/21/23 00:00 Static 6033.92 11/10/23 00:00

Hole Depth 90.0 ft Screen: Diameter 2 in Length 30.0 ft Type/Size PVC/0.01 in

Hole Diameter 6.0 in Casing: Diameter 2 in Length 62.9 ft Type PVC

Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack 20-40 silica

Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley

Start Date 10/9/2023 Completion Date 10/13/2023 Checked By Steve Varsa

COMMENTS

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0		0%				0-10' hydro-excavated. 0-2' no recovery.	
	0.0	100%			SM	Sand with silt, fine-grained, brown (10YR 5/3) to light olive brown (2.5Y 5/3), loose, dry, moderately graded. no odor.	
	0.0	0%			SM	No recovery.	
5	0.0	100%				Same as above except yellowish-orange to pale brown (10YR 6/3).	
	0.0	0%			SM	No recovery.	
	0.0	0%				Same as above.	
	0.0	100%			SM	No recovery.	
	0.0	0%			SM	Same as above except brown (10YR 5/3).	
	0.0	0%				No recovery.	
10	0.9*	100%			SM	Sand, silty, fine-grained, brown (10YR 5/3) to yellowish-orange, loose to medium dense, dry, weakly cemented, moderately graded, no odor.	
	0.3	0%				*MW-22 @ 11'.	
	0.3	80%					
	0.2						
	0.3						
	0.4						
15	0.4					No recovery.	
	0.4					Same as above.	
	0.3						
	0.1	80%			SM		
	0.1						
	0.3					No recovery.	
20	0.4					Silt, some fine-grained sand, brown (10YR 5/3, 4/3) to yellowish-orange, soft to firm becoming hard with depth, dry, weakly cemented, non-plastic, no odor. *MW-22 @ 24'.	
	0.7				ML		
	0.3	80%					
	0.7*					No recovery.	
25	0.1					Same as above. *MW-22 @ 29'.	
	0.1						
	0.1						
	0.2	80%			ML		
	0.7*					No recovery.	
30	0.2					Same as above.	
	0.3						
	0.2						
	0.1	84%			ML		
	0.2					No recovery.	
35	0.1					Same as above.	
						No recovery.	

Continued Next Page

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Monitoring Well **MW-22**

Page: 2 of 3

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
Continued							
35	0.1	80%			ML	Same as above.	
	0.2						
	0.2						
	0.6						
	0.3	70%			ML	No recovery.	
40	0.2					Same as above.	
	0.1						
	0.1						
	NR	88%			ML	No recovery.	
45	0.1					Silt, minor fine-grained sand, very dark gray (10YR 3/1), soft, dry,	
	0.1					non-plastic, no odor.	
	0.3						
	0.2	80%			ML	Silt, minor fine-grained sand, brown (10YR 5/3) to yellowish-orange, firm	
	0.2					to hard, dry, weakly cemented, non-plastic, no odor.	
50	0.2					No recovery.	
	0.3					Same as above.	
	0.1	90%				No recovery.	
	0.1					Same as above.	
55	0.2						
	0.4						
	0.1	74%			ML	No recovery.	
	0.2*					Silt, minor fine-grained sand, brown (10YR 4/3), firm to hard, dry, no	
60	0.2					cementation, non-plastic, no odor.	
	0.4						
	0.2	72%			ML	No recovery.	
65	0.2					Same as above.	
	0.6						
	0.2						
	0.2	80%			ML	No recovery.	
70	NR					Silt, very dark gray (10YR 3/1), firm to hard, dry, weakly cemented, no	
	1.3					odor. *MW-22 @ 74'.	
	1.8						
	2.3	80%			ML	No recovery.	
	3.2					Silt, gray to light gray (Gley 1 6/N, 7/N), hard, dry, no cementation,	
75	7.5*					non-plastic, slight odor.	
	0.2						
	0.8	80%			ML	No recovery.	
	1.9					Same as above, no odor.	
	48.7						
	37.4						
	10.3	90%			ML	No recovery.	
80	16.7					Same as above, no odor.	

Continued Next Page



Drilling Log

Monitoring Well **MW-22**

Page: 3 of 3

Project State Gas Com N#1 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
						<i>Continued</i>	
85	25.0 1.6 2.6 2.8 2.0 11.2 4.9 7.9 NR	90%			ML	No recovery. Same as above.	
90		82%			ML	No recovery.	
						End of boring = 90'. Well set at 90'.	
95							
100							
105							
110							
115							
120							
125							

Drilling Log STATE GAS COM N#1.GPJ MW-22 12/14/23



Drilling Log

Monitoring Well

MW-23

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Project State Gas Com N#1 Owner EPCGPC

Location San Juan County, New Mexico Project Number 193709827

Surface Elev. 6123.66 ft North 2147560.4 East 2646141.4

Top of Casing 6126.64 ft Water Level Initial 6038.99 ^{10/21/23} 00:00 Static 6028.98 ^{11/10/23} 00:00

Hole Depth 90.0ft Screen: Diameter 2 in Length 30.0 ft Type/Size PVC/0.01 in

Hole Diameter 6.0 in Casing: Diameter 2 in Length 62.9 ft Type PVC

Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack 20-40 silica

Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley

Start Date 10/9/2023 Completion Date 10/12/2023 Checked By Steve Varsa

COMMENTS

Bentonite Grout Bentonite Granuals Grout Portland Cement Sand Pack Sand Pack

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0						0-10' hydro-excavated. 0-2' no recovery.	
	0.0	0%			SM	Sand with silt, fine-grained, brown (10YR 5/3), loose to medium dense, dry, weakly cemented, moderately graded. no odor.	
	0.0	100%				No recovery.	
5	0.0	0%			SM	Same as above.	
	0.0	100%				No recovery.	
	0.0	0%			SM	Same as above.	
	0.0	100%				No recovery.	
	0.0	0%			SM	Same as above.	
	0.0	100%				No recovery.	
10	0.3	100%				Same as above.	
	0.1	0%			SM		
	2.0						
	0.0						
	0.0						
15	0.1	80%				No recovery.	
	0.2					Same as above.	
	0.1				SM		
	0.0						
	0.0						
20	0.1	80%				No recovery.	
	0.0					Same as above. *MW-23 @ 24'.	
	0.1				SM		
	0.1						
	0.2*						
25	0.0	80%				No recovery.	
	0.0					Same as above.	
	0.1				SM		
	0.0						
	0.1						
30	0.0	80%				No recovery.	
	0.1					Sand with silt, fine-grained, dark yellowish-brown (10YR 4/4), loose to medium dense, dry, weakly cemented, moderately graded, no odor.	
	0.1				SM		
	0.0						
	NR						
35	0.0	70%				No recovery.	

Continued Next Page



Drilling Log

Soil Boring SB-2

Page: 1 of 2

Project State Gas Com N#1 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 193709827
 Surface Elev. 6120.22 ft North 2147443.93 East 2646118.69
 Top of Casing NA Water Level Initial ▽ Static ▽
 Hole Depth 80.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack NA
 Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley
 Start Date 10/9/2023 Completion Date 10/14/2023 Checked By Steve Varsa

COMMENTS

The groundwater elevation in nearby monitoring well MW-10 was 6051.74 feet amsl on 10/12/2023.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
0						0-10' hydro-excavated. 0-2' no recovery.
0.8		0%			SM	Sand with silt, fine-grained, pale brown (10YR 6/3) to yellowish-orange, loose, dry, moderately graded. no odor.
42.6		0%			SM	No recovery.
5		100%				Same as above except brown (10YR 5/3), slight odor.
28.0		0%			SM	No recovery.
13.3		0%			SM	Same as above.
10		100%				No recovery.
6.8		100%				Sand, silty, fine-grained, brown to yellowish-brown (10YR 5/4), loose to dense, dry, moderately graded, weakly cemented, slight odor. *SB-2 @ 14'.
22.9		0%			SM	
7.1		80%				
16.7						
200.7*						
67.4						No recovery.
15						Sand with silt, fine-grained, brown to yellowish-brown (10YR 5/4), loose, dry, moderately graded, weakly cemented, slight odor.
NM					SM	
41.6						
NM						
48.3						
20		50%				No recovery.
68.0						
NM						
89.9						
104.7						
25						Same as above.
78.4					SM	No recovery.
NM						
NR		20%				
NR						
30						Same as above.
35.8						
38.5					SM	
64.7						
77.7		100%				
13.0						
35					ML	Silt with fine-grained sand, brown to yellowish-brown (10YR 5/4), hard, dry, weakly cemented, non-plastic, slight odor. *SB-2 @ 38'.
8.3						

Continued Next Page



Drilling Log

Soil Boring **SB-2**

Page: 2 of 2

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
35						<i>Continued</i>
14.8						
18.4						
100.8*		100%			ML	
20.5						
35.6						
40						
8.0						Same as above except brown (10YR 4/3).
16.2						
25.6		80%			ML	
67.7						
15.6						No recovery.
34.5						Same as above.
16.1						
37.5		60%			ML	
NR						No recovery.
9.8						
50						
5.0						Same as above.
25.4					ML	
33.1		76%				
40.3					ML	Same as above except gray (10YR 6/1).
151.2*						No recovery.
55						
39.7						Same as above except brown (10YR 4/3). *SB-2 @ 55'.
57.3						
23.4		100%				
17.3						
60						
6.0					ML	
3.8						
9.5						
83.8		86%				
9.6						
65						
5.8						No recovery.
8.6						Silt, trace fine-grained sand, brown (10YR 4/3), hard, dry, non-plastic, slight odor.
43.7						
12.6		96%			ML	
2.0						
6.0						
70						
13.6					ML	No recovery.
2.3						Same as above.
190.0		100%				
818.4*						Silt, very dark gray (10YR 3/1), hard, dry, non-plastic, moderate odor becoming strong from 75-80'. *SB-2 @ 74'.
319.1						
391.4						
792.5						
74.8		100%			ML	
65.5						
90.3						
80						End of boring 80'.

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Soil Boring SB-3

Page: 1 of 2

Project State Gas Com N#1 Owner EPCGPC

Location San Juan County, New Mexico Project Number 193709827

Surface Elev. 6120.08 ft North 2147476.53 East 2646188.69

Top of Casing NA Water Level Initial ▽ Static ▽

Hole Depth 80.0 ft Screen: Diameter NA Length NA Type/Size NA

Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA

Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack NA

Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley

Start Date 10/9/2023 Completion Date 10/13/2023 Checked By Steve Varsa

COMMENTS

The groundwater elevation in nearby monitoring well MW-10 was 6051.74 feet amsl on 10/12/2023.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
0						0-10' hydro-excavated. 0-2' no recovery.
0.0		0%			SM	Sand with silt, fine-grained, brown (10YR 5/3) to yellowish-orange, loose, dry, moderately graded. no odor.
39.0		0%			SM	No recovery.
5		100%			SM	Same as above except slight odor.
37.0		0%			SM	No recovery.
22.0		100%			SM	Same as above.
		0%			SM	No recovery.
10		100%			SM	Same as above except no odor.
12.0		100%			SM	No recovery.
9.2		0%			SM	Sand, silty, fine-grained, brown (10YR 5/3) to yellowish-orange, loose to medium dense, dry, moderately graded, weakly cemented, no odor.
5.7		80%			SM	
3.1					SM	
11.4					SM	
2.9					SM	No recovery.
15					ML	Silt, some fine-grained sand, brown (10YR 5/3) to yellowish-orange, very soft, dry, weakly cemented, non-plastic, no odor to slight odor from 17-18.5'. *SB-3 @ 18'.
11.4		70%			ML	
21.6					ML	No recovery.
43.9*					ML	
NR					ML	
20					ML	Same as above, slight odor.
12.8		70%			ML	
14.9					ML	No recovery.
6.6					ML	
26.2					ML	
NR					ML	
25					ML	Same as above except no odor. *SB-3 @ 26'.
38.4		84%			ML	
41.3*					ML	
22.7					ML	
2.0					ML	No recovery.
2.7					ML	Same as above.
30					ML	
2.3		72%			ML	No recovery.
3.0					ML	Same as above.
15.2					ML	
14.3					ML	
NR					ML	No recovery.
35		0.9			ML	

Continued Next Page



Drilling Log

Soil Boring **SB-3**

Page: 2 of 2

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
<i>Continued</i>						
35	8.9	70%			ML	Same as above.
	8.3					
	5.5					
	NR					
40	3.3	92%			ML	No recovery.
	2.5					Same as above.
	10.2					
	6.4					
45	6.3	66%			ML	No recovery.
	7.9					Same as above. *SB-3 @ 47'.
	5.3					
	43.3*					
50	25.7	80%			ML	No recovery.
	NR					
	14.6					
	24.9					Same as above except slight odor.
55	46.8	86%			ML	No recovery.
	27.4					Same as above except strong odor. *SB-3 @ 56'.
	11.9					
	18.5					
60	111.8*	62%			ML	No recovery.
	46.4					Same as above.
	40.1					
	42.7					
65	15.6	72%			ML	No recovery.
	25.5					Same as above.
	27.7					Silt, little fine-grained sand, black (Gley 1 2.5/N), very soft to soft, moist, non-plastic to low plasticity, strong odor.
	6.0					Silt, little fine-grained sand, greenish-gray (Gley 1 5/1 10Y), hard, dry to moist, non-plastic, strong odor.
70	NR	90%			ML	No recovery.
	388.7					Same as above except grayish-green (Gley 1 5/2 5G), hard, dry, non-plastic, strong odor. *SB-3 @ 71'.
	307.6					Silt, little fine-grained sand, brown (10YR 5/3) to yellowish-orange, hard, dry, non-plastic, strong odor.
	529.6					Same as above except light olive gray to light gray (10YR 7/1), weakly cemented.
75	495.2	84%			ML	No recovery.
	1646					Silt, light gray (Gley 1 7/N), hard, dry, non-plastic, slight odor.
	295.6					Silt, gray (10YR 6/1) to light gray (Gley 1 7/N), hard, dry, non-plastic, strong odor. *SB-3 @ 79'.
	1659*					No recovery.
80	539.1					
	1096					
	350.5					
	12.6					
	22.7					
	191.5					
	398.7					
	2553*					
	NR					
						No recovery.
						End of boring 80'.

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Soil Boring SB-4

Page: 1 of 2

Project State Gas Com N#1 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 193709827
 Surface Elev. 6116.08 ft North 2147373.25 East 2646256.58
 Top of Casing NA Water Level Initial ▽ Static ▽
 Hole Depth 80.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack NA
 Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley
 Start Date 10/9/2023 Completion Date 10/13/2023 Checked By Steve Varsa

COMMENTS

The groundwater elevation in monitoring well MW-1 was 6046.90 feet amsl on 10/13/2023.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
0						0-10' hydro-excavated. 0-2' no recovery.
0.0		0%			SM	Sand with silt, fine-grained, pale brown (10YR 6/3), loose, dry, moderately graded. no odor.
0.0		100%			SM	No recovery.
5		0%			SM	Same as above except brown (10YR 5/3).
0.0		100%			SM	No recovery.
0.0		0%			SM	Same as above.
0.0		100%			SM	No recovery.
0.5		0%			SM	Same as above.
0.5		100%			SM	No recovery.
10						
1.8		100%			SM	Sand, silty, fine-grained, yellowish-brown (10YR 5/4), loose to dense, dry, moderately graded, weakly cemented, no odor.
2.5		0%			SM	No recovery.
1.1		70%			SM	No recovery.
1.6					SM	No recovery.
3.0					SM	No recovery.
15						
36.5*					SM	Same as above. *SB-4 @ 16'.
NR					SM	No recovery.
NR		30%			SM	No recovery.
NR					SM	No recovery.
20						
0.1					SM	Same as above.
0.5					SM	No recovery.
0.5					SM	Same as above.
1.3		80%			SM	No recovery.
2.2					SM	Same as above.
4.8					SM	No recovery.
25						
6.4					SM	Same as above.
12.0					SM	No recovery.
NR		40%			SM	No recovery.
NR					SM	No recovery.
30						
0.0					SM	Same as above.
0.8					SM	No recovery.
0.9					SM	No recovery.
NR		50%			SM	No recovery.
NR					SM	No recovery.
24.9					SM	No recovery.
35						

Continued Next Page



Drilling Log

Soil Boring **SB-4**

Page: 2 of 2

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
<i>Continued</i>						
35	18.8	76%			SM	Same as above.
	1.3				ML	Silt, some fine-grained sand, brown (10YR 5/3), hard, dry, weakly cemented, non-plastic, slight odor.
	1.1					No recovery. *SB-4 @ 39'.
	46.8*					
40	0.3	40%			ML	Same as above.
	0.5					No recovery.
	10.6					
	NR					
45	NR	70%			ML	Same as above.
	0.0					No recovery.
	0.4					
	0.7					
50	0.5	100%			ML	Silt, little fine-grained sand, brown (10YR 4/3), hard, dry, weakly cemented, non-plastic, slight odor. *SB-4 @ 52'.
	NR					
	0.6					
	1.0					
55	95.1*	80%			ML	Silt, dark greenish-gray (Gley 1 4/1 10Y), hard, dry, weakly cemented, non-plastic, slight odor.
	9.3					
	4.5					
	14.6					
60	1.1	100%			ML	Same as above except greenish-gray (Gley 1 5/1 5GY) to grayish-brown (10YR 5/2).
	5.8					
	4.3					
	26.9					
65	0.6	80%			ML	No recovery.
	1.1					
	2.5					
	2.6					
70	1.4	100%			ML	Silt, very dark greenish-gray (Gley 1 3/1 10Y), hard, dry, non-plastic, moderate odor. *SB-4 @ 72'.
	7.0					
	3.1					
	0.7					
75	0.8	80%			ML	Same as above except no odor.
	0.5					
	44.6					
	212.3					
80	243.2*	100%			ML	No recovery.
	133.0					
	22.6					
	9.7					
	16.1	80%			ML	End of boring 80'.
	3.8					
	3.3					
	2.7					
	NR					

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Soil Boring SB-5

Page: 1 of 2

Project State Gas Com N#1 Owner EPCGPC
 Location San Juan County, New Mexico Project Number 193709827
 Surface Elev. 6117.45 ft North 2147342.52 East 2646147.51
 Top of Casing NA Water Level Initial ▽ Static ▽
 Hole Depth 80.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Cascade Drilling Drilling Method Sonic Sand Pack NA
 Driller Rico Rodriguez Driller Reg. # WD-1210 Log By Scott Stanley
 Start Date 10/9/2023 Completion Date 10/13/2023 Checked By Steve Varsa

COMMENTS

The groundwater elevation in nearby monitoring well MW-11 was 6044.80 feet amsl on 10/11/2023.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
0						0-10' hydro-excavated. 0-2' no recovery.
0.8		0%			SM	Sand with silt, fine-grained, brown (10YR 5/3), loose, dry, moderately graded. no odor.
6.5		0%			SM	No recovery.
5.0		100%				Same as above except pale brown (10YR 6/3).
5.0		0%			SM	No recovery.
11.2		100%				Same as above except brown (10YR 5/3).
11.2		0%			SM	No recovery.
10.0		100%				Same as above.
10.0		0%				No recovery.
7.1		0%			SM	Sand, silty, fine-grained, yellowish-brown (10YR 5/4), loose to dense, dry, moderately graded, weakly cemented, no odor.
1.8		76%				No recovery.
4.9						No recovery.
NR						No recovery.
NR						No recovery.
15.0					SM	Same as above.
8.2						No recovery.
9.1						No recovery.
6.0						No recovery.
NR						No recovery.
NR						No recovery.
NR						No recovery.
NR						No recovery.
NR						No recovery.
20.0		22%			SM	Same as above. *SB-5 @ 27'.
10.6						No recovery.
16.2*						No recovery.
12.0		80%			SM	Same as above.
12.0						No recovery.
12.0						No recovery.
18.6					SM	No recovery.
9.4						No recovery.
NR		40%				No recovery.
NR						No recovery.
6.1						No recovery.
35						

Continued Next Page

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23



Drilling Log

Soil Boring **SB-5**

Page: 2 of 2

Project State Gas Com N#1Owner EPCGPCLocation San Juan County, New MexicoProject Number 193709827

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.
Continued						
35	4.8	30%			SM	Same as above.
	NR					No recovery.
	NR					
	NR					
40	14.9	80%			SM	Same as above.
	37.3*					
	2.9				ML	Silt, some fine-grained sand, dark brown (10YR 3/3), hard, dry, weakly cemented, non-plastic, no odor. *SB-5 @ 41'.
	2.3					
	2.2	40%				No recovery.
45	3.0				ML	Same as above.
	7.2					
	35.4					No recovery.
	NR	40%				
	NR					
50	2.6				ML	Same as above.
	7.0					
	4.0	70%				No recovery.
	NR					
	NR					
55	4.4				ML	Same as above except brown (10YR 5/3).
	5.9	80%				
	14.8					
	10.2					No recovery.
	NR					
60	9.3	80%			ML	Same as above. *SB-5 @ 64'.
	11.8					
	4.9					
	17.4					
	30.7*	80%				No recovery.
65	4.6				ML	Same as above.
	4.4					
	7.0					
	8.1	80%				No recovery.
	5.3					
70	1.5				ML	Silt, very dark gray (10YR 3/1), hard, dry, non-plastic, no odor. *SB-5 @ 74'.
	2.8					
	2.2	80%				
	6.1					
	17.0*					No recovery.
75	190.9				ML	Silt, greenish-gray (Gley 1 5/1 5GY), hard, dry, non-plastic, strong odor.
	385.4	80%				
	498.6					
	449.8					
	185.6					No recovery.
80	NR					End of boring 80'.

Drilling Log STATE GAS COM N#1.GPJ MWH I.A.GDT 12/14/23

APPENDIX G

Waste Disposal Documentation

Bill of Lading

MANIFEST # **79427**

GENERATOR

POINT OF ORIGIN

TRANSPORTER

DATE 5/22/2023

JOB # 14073-0073

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

[illegible]

Generator Onsite Contact

Phone (515) 557-0109

Signatures required prior to distribution of the legal document.

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BOL# 79427

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 5/22/2023TIME 1550

Attach test strip here

CUSTOMER Kinder MorganSITE Bio Vista Comp Station3/ River Plant
Blanco N Plant
Numerous sitesDRIVER [Signature]

SAMPLE

Soil Straight With Dirt ✓

CHLORIDE TEST

-281 mg/Kg

ACCEPTED

YES ✓NO

PAINT FILTER TEST

Time started 1550Time completed 1600

PASS

YES ✓NO SAMPLER/ANALYST [Signature]

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



envirotech

Bill of Lading

MANIFEST # 78476

GENERATOR Kinder Morgan

POINT OF ORIGIN EL PASO pit sites

TRANSPORTER EnviroTech

DATE 03/31/23 JOB # 14073-0073

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

[illegible]

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

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BOL# 78476

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 03/31/23TIME 1130

Attach test strip here

CUSTOMER Kinder MorganSITE ELPASO pit sitesDRIVER by Gary RobinsonSAMPLE Soil ☐ Straight ☐ With Dirt ☒CHLORIDE TEST -281 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1130 Time completed 1142PASS YES ☒ NO ☐SAMPLER/ANALYST Gary Robinson

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





MANIFEST # 81123 8 pit sites
GENERATOR Kinder Morgan
POINT OF ORIGIN Rio Vista comp
TRANSPORTER Envirotech
DATE 09/01/23 JOB # 14073-0073

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

Generator Onsite Contact _____ Phone _____

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0073

BOL# 81123

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 09/01/23 TIME 1025 Attach test strip hereCUSTOMER Rio Vista Co Kinder MorganSITE Rio Vista campDRIVER Anthony FanteSAMPLE Soil Straight _____ With Dirt XCHLORIDE TEST 272 mg/KgACCEPTED YES X NO _____PAINT FILTER TEST Time started 1025 Time completed 1035PASS YES X NO _____SAMPLER/ANALYST Gary Holman



envirotech

Bill of Lading

MANIFEST # **81789**
GENERATOR Kinder Morgan
POINT OF ORIGIN State Gas Com N 1
TRANSPORTER Riley
DATE 10/9/2023 JOB # 14073-0081

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBL'S	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Hydro Vac Cont Soil			35			15014	1720	Rogers
# BF		Wash Out By Riley			5			15014	1720	Rogers
					40					
RESULTS		LANDFARM EMPLOYEE						NOTES		
-272	CHLORIDE TEST	1	☒ Soil w/ Debris ☒ After Hours/Weekend Receiptal ☐ Scrape Out ☐ Wash Out				Done & Blended @ 2030			
	CHLORIDE TEST									
	CHLORIDE TEST									
Pass	PAINT FILTER TEST	1	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							

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

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BOL# 81789

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 10/9/2023 TIME 1720

Attach test strip here

CUSTOMER Kinder MorganSITE State Gas Com N 1DRIVER Roger SanaSAMPLE Soil Straight ☒ With Dirt ☐CHLORIDE TEST -272 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1720 Time completed 1730PASS YES ☒ NO ☐SAMPLER/ANALYST [Signature]

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



81916

POINT OF ORIGIN State Oascom N 1

TRANSPORTER, River

DATE 01/13/23 JOB # 14073-0081

RESULTS			LANDFARM EMPLOYEE		NOTES
-272	CHLORIDE TEST	1			
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out		
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		
Pass	PAINT FILTER TEST	1			

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

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BOL# 81916

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 10/13/23. TIME 1230 Attach test strip hereCUSTOMER Kinder MorganSITE State Gas com N1DRIVER *[Signature]*SAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST -272 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1230 Time completed 1245PASS YES ☒ NO ☐SAMPLER/ANALYST Cray Polman

QUANTAB

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



envirotech

Bill of Lading

MANIFEST # **81973**
GENERATOR Kinder Morgan
POINT OF ORIGIN State Gas Com #1 N
TRANSPORTER Envirotech
DATE 10/16/2023 JOB # 14073-0081

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

[illegible]

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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

BOL# 81973

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 10/16/2023 TIME 11610

Attach test strip here

CUSTOMER Kinder MorganSITE State Gas Com #1 NDRIVER [Signature]

SAMPLE Soil _____ Straight _____ With Dirt _____

CHLORIDE TEST 4272 mg/Kg

ACCEPTED YES _____ NO _____

PAINT FILTER TEST Time started _____ Time completed _____

PASS YES _____ NO _____

SAMPLER/ANALYST _____



BOL# 82014

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 10/18/23 TIME 1035

Attach test strip here

CUSTOMER EL PASO.SITE Statecom N #1
San Juan River PlantDRIVER [Signature]SAMPLE Soil Straight _____ With Dirt 1CHLORIDE TEST 273 mg/KgACCEPTED YES 1 NO _____PAINT FILTER TEST Time started 1035 Time completed 1046PASS YES 1 NO _____SAMPLER/ANALYST [Signature]



envirotech

Bill of Lading

MANIFEST # 82577

GENERATOR EL PASO

POINT OF ORIGIN See the C-138 for just

TRANSPORTER Envirotech

DATE 11/16/23 JOB # 14073-0081

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

[illegible]

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

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

BOL# 82577

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11/16/23TIME 1430

Attach test strip here

CUSTOMER ELPASOSITE See Bol 82577DRIVER Steven by Gony RSAMPLE Soil Straight With Dirt XCHLORIDE TEST -272 mg/KgACCEPTED YES X NO PAINT FILTER TEST Time started 1430 Time completed 1441PASS YES X NO SAMPLER/ANALYST Gony R

APPENDIX H

Groundwater Analytical Lab Reports



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 6/13/2023 5:54:05 PM

JOB DESCRIPTION

State Gas Corn N#1.00
SDG NUMBER State Gas Corn

JOB NUMBER

400-238111-1

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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(850)471-6222

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Laboratory Job ID: 400-238111-1
SDG: State Gas Corn

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Job ID: 400-238111-1

Laboratory: Eurofins Pensacola

Narrative	Job Narrative 400-238111-1
-----------	-------------------------------

Comments
No additional comments.

Receipt
The samples were received on 5/23/2023 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.3° C.

GC/MS VOA
Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-238111-2), MW-1 (400-238111-3), MW-6 (400-238111-4) and MW-13 (400-238111-6). Elevated reporting limits (RLs) are provided.

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

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

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Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-238111-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-238111-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	340		2.0		ug/L	2		8260D	Total/NA
Toluene	3.1		2.0		ug/L	2		8260D	Total/NA
Ethylbenzene	3.7		2.0		ug/L	2		8260D	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 400-238111-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4400		50		ug/L	50		8260D	Total/NA
Toluene	6800		50		ug/L	50		8260D	Total/NA
Ethylbenzene	650		50		ug/L	50		8260D	Total/NA
Xylenes, Total	5600		500		ug/L	50		8260D	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 400-238111-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3500		50		ug/L	50		8260D	Total/NA
Toluene	4400		50		ug/L	50		8260D	Total/NA
Ethylbenzene	500		50		ug/L	50		8260D	Total/NA
Xylenes, Total	4200		500		ug/L	50		8260D	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 400-238111-5

No Detections.

Client Sample ID: MW-13

Lab Sample ID: 400-238111-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	330		2.0		ug/L	2		8260D	Total/NA
Toluene	3.0		2.0		ug/L	2		8260D	Total/NA
Ethylbenzene	3.6		2.0		ug/L	2		8260D	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 400-238111-7

No Detections.

Client Sample ID: MW-15

Lab Sample ID: 400-238111-8

No Detections.

Client Sample ID: MW-16

Lab Sample ID: 400-238111-9

No Detections.

Client Sample ID: MW-18

Lab Sample ID: 400-238111-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.8		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-19

Lab Sample ID: 400-238111-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.5		1.0		ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

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

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

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-238111-1	TRIP BLANK	Water	05/22/23 07:05	05/23/23 09:10
400-238111-2	DUP-01	Water	05/22/23 07:10	05/23/23 09:10
400-238111-3	MW-1	Water	05/22/23 09:40	05/23/23 09:10
400-238111-4	MW-6	Water	05/22/23 09:08	05/23/23 09:10
400-238111-5	MW-9	Water	05/22/23 08:30	05/23/23 09:10
400-238111-6	MW-13	Water	05/22/23 09:10	05/23/23 09:10
400-238111-7	MW-14	Water	05/22/23 09:20	05/23/23 09:10
400-238111-8	MW-15	Water	05/22/23 09:25	05/23/23 09:10
400-238111-9	MW-16	Water	05/22/23 09:35	05/23/23 09:10
400-238111-10	MW-18	Water	05/22/23 08:50	05/23/23 09:10
400-238111-11	MW-19	Water	05/22/23 09:00	05/23/23 09:10

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: TRIP BLANK
Date Collected: 05/22/23 07:05
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/03/23 14:00	1
Toluene	<1.0		1.0		ug/L			06/03/23 14:00	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 14:00	1
Xylenes, Total	<10		10		ug/L			06/03/23 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		64 - 132					06/03/23 14:00	1
Dibromofluoromethane	109		75 - 126					06/03/23 14:00	1
4-Bromofluorobenzene	91		72 - 130					06/03/23 14:00	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: DUP-01
Date Collected: 05/22/23 07:10
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	340		2.0		ug/L			06/03/23 14:59	2
Toluene	3.1		2.0		ug/L			06/03/23 14:59	2
Ethylbenzene	3.7		2.0		ug/L			06/03/23 14:59	2
Xylenes, Total	<20		20		ug/L			06/03/23 14:59	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		64 - 132					06/03/23 14:59	2
Dibromofluoromethane	108		75 - 126					06/03/23 14:59	2
4-Bromofluorobenzene	92		72 - 130					06/03/23 14:59	2

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-1
Date Collected: 05/22/23 09:40
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4400		50		ug/L			05/27/23 22:46	50
Toluene	6800		50		ug/L			05/27/23 22:46	50
Ethylbenzene	650		50		ug/L			05/27/23 22:46	50
Xylenes, Total	5600		500		ug/L			05/27/23 22:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		64 - 132					05/27/23 22:46	50
Dibromofluoromethane	106		75 - 126					05/27/23 22:46	50
4-Bromofluorobenzene	97		72 - 130					05/27/23 22:46	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-6
Date Collected: 05/22/23 09:08
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3500		50		ug/L			05/27/23 23:13	50
Toluene	4400		50		ug/L			05/27/23 23:13	50
Ethylbenzene	500		50		ug/L			05/27/23 23:13	50
Xylenes, Total	4200		500		ug/L			05/27/23 23:13	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		64 - 132					05/27/23 23:13	50
Dibromofluoromethane	106		75 - 126					05/27/23 23:13	50
4-Bromofluorobenzene	99		72 - 130					05/27/23 23:13	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-9
Date Collected: 05/22/23 08:30
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/23 17:53	1
Toluene	<1.0		1.0		ug/L			05/27/23 17:53	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/23 17:53	1
Xylenes, Total	<10		10		ug/L			05/27/23 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		64 - 132					05/27/23 17:53	1
Dibromofluoromethane	117		75 - 126					05/27/23 17:53	1
4-Bromofluorobenzene	97		72 - 130					05/27/23 17:53	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-13

Lab Sample ID: 400-238111-6

Date Collected: 05/22/23 09:10

Matrix: Water

Date Received: 05/23/23 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	330		2.0		ug/L			06/03/23 15:19	2
Toluene	3.0		2.0		ug/L			06/03/23 15:19	2
Ethylbenzene	3.6		2.0		ug/L			06/03/23 15:19	2
Xylenes, Total	<20		20		ug/L			06/03/23 15:19	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		64 - 132		06/03/23 15:19	2
Dibromofluoromethane	107		75 - 126		06/03/23 15:19	2
4-Bromofluorobenzene	93		72 - 130		06/03/23 15:19	2

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-14
Date Collected: 05/22/23 09:20
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-7
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			06/03/23 14:20	1
Toluene	<1.0		1.0		ug/L			06/03/23 14:20	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 14:20	1
Xylenes, Total	<10		10		ug/L			06/03/23 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		64 - 132					06/03/23 14:20	1
Dibromofluoromethane	111		75 - 126					06/03/23 14:20	1
4-Bromofluorobenzene	92		72 - 130					06/03/23 14:20	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-15
Date Collected: 05/22/23 09:25
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-8
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			06/03/23 14:40	1
Toluene	<1.0		1.0		ug/L			06/03/23 14:40	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 14:40	1
Xylenes, Total	<10		10		ug/L			06/03/23 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		64 - 132					06/03/23 14:40	1
Dibromofluoromethane	108		75 - 126					06/03/23 14:40	1
4-Bromofluorobenzene	92		72 - 130					06/03/23 14:40	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-16
Date Collected: 05/22/23 09:35
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/23 18:20	1
Toluene	<1.0		1.0		ug/L			05/27/23 18:20	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/23 18:20	1
Xylenes, Total	<10		10		ug/L			05/27/23 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		64 - 132					05/27/23 18:20	1
Dibromofluoromethane	114		75 - 126					05/27/23 18:20	1
4-Bromofluorobenzene	94		72 - 130					05/27/23 18:20	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-18
Date Collected: 05/22/23 08:50
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.8		1.0		ug/L			05/27/23 18:46	1
Toluene	<1.0		1.0		ug/L			05/27/23 18:46	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/23 18:46	1
Xylenes, Total	<10		10		ug/L			05/27/23 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		64 - 132					05/27/23 18:46	1
Dibromofluoromethane	110		75 - 126					05/27/23 18:46	1
4-Bromofluorobenzene	102		72 - 130					05/27/23 18:46	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-19
Date Collected: 05/22/23 09:00
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238111-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.5		1.0		ug/L			05/27/23 19:13	1
Toluene	<1.0		1.0		ug/L			05/27/23 19:13	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/23 19:13	1
Xylenes, Total	<10		10		ug/L			05/27/23 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		64 - 132					05/27/23 19:13	1
Dibromofluoromethane	109		75 - 126					05/27/23 19:13	1
4-Bromofluorobenzene	99		72 - 130					05/27/23 19:13	1

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

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: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: TRIP BLANK**Lab Sample ID: 400-238111-1****Date Collected: 05/22/23 07:05****Matrix: Water****Date Received: 05/23/23 09:10**

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	627674	06/03/23 14:00	WPD	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-238111-2****Date Collected: 05/22/23 07:10****Matrix: Water****Date Received: 05/23/23 09:10**

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	627674	06/03/23 14:59	WPD	EET PEN

Client Sample ID: MW-1**Lab Sample ID: 400-238111-3****Date Collected: 05/22/23 09:40****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	626821	05/27/23 22:46	WPD	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-238111-4****Date Collected: 05/22/23 09:08****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	626821	05/27/23 23:13	WPD	EET PEN

Client Sample ID: MW-9**Lab Sample ID: 400-238111-5****Date Collected: 05/22/23 08:30****Matrix: Water****Date Received: 05/23/23 09:10**

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	626821	05/27/23 17:53	WPD	EET PEN

Client Sample ID: MW-13**Lab Sample ID: 400-238111-6****Date Collected: 05/22/23 09:10****Matrix: Water****Date Received: 05/23/23 09:10**

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	627674	06/03/23 15:19	WPD	EET PEN

Client Sample ID: MW-14**Lab Sample ID: 400-238111-7****Date Collected: 05/22/23 09:20****Matrix: Water****Date Received: 05/23/23 09:10**

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	627674	06/03/23 14:20	WPD	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Client Sample ID: MW-15**Lab Sample ID: 400-238111-8****Date Collected: 05/22/23 09:25****Matrix: Water****Date Received: 05/23/23 09:10**

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	627674	06/03/23 14:40	WPD	EET PEN

Client Sample ID: MW-16**Lab Sample ID: 400-238111-9****Date Collected: 05/22/23 09:35****Matrix: Water****Date Received: 05/23/23 09:10**

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	626821	05/27/23 18:20	WPD	EET PEN

Client Sample ID: MW-18**Lab Sample ID: 400-238111-10****Date Collected: 05/22/23 08:50****Matrix: Water****Date Received: 05/23/23 09:10**

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	626821	05/27/23 18:46	WPD	EET PEN

Client Sample ID: MW-19**Lab Sample ID: 400-238111-11****Date Collected: 05/22/23 09:00****Matrix: Water****Date Received: 05/23/23 09:10**

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	626821	05/27/23 19:13	WPD	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-626821/4****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	626821	05/27/23 13:00	WPD	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-627674/4****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	627674	06/03/23 07:47	WPD	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-626821/1002****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	626821	05/27/23 11:52	WPD	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

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

Lab Sample ID: LCS 400-627674/1002
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627674	06/03/23 07:08	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: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

GC/MS VOA

Analysis Batch: 626821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238111-3	MW-1	Total/NA	Water	8260D	
400-238111-4	MW-6	Total/NA	Water	8260D	
400-238111-5	MW-9	Total/NA	Water	8260D	
400-238111-9	MW-16	Total/NA	Water	8260D	
400-238111-10	MW-18	Total/NA	Water	8260D	
400-238111-11	MW-19	Total/NA	Water	8260D	
MB 400-626821/4	Method Blank	Total/NA	Water	8260D	
LCS 400-626821/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 627674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238111-1	TRIP BLANK	Total/NA	Water	8260D	
400-238111-2	DUP-01	Total/NA	Water	8260D	
400-238111-6	MW-13	Total/NA	Water	8260D	
400-238111-7	MW-14	Total/NA	Water	8260D	
400-238111-8	MW-15	Total/NA	Water	8260D	
MB 400-627674/4	Method Blank	Total/NA	Water	8260D	
LCS 400-627674/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

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

Lab Sample ID: MB 400-626821/4

Matrix: Water

Analysis Batch: 626821

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			05/27/23 13:00	1
Toluene	<1.0		1.0		ug/L			05/27/23 13:00	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/23 13:00	1
Xylenes, Total	<10		10		ug/L			05/27/23 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		64 - 132		05/27/23 13:00	1
Dibromofluoromethane	115		75 - 126		05/27/23 13:00	1
4-Bromofluorobenzene	92		72 - 130		05/27/23 13:00	1

Lab Sample ID: LCS 400-626821/1002

Matrix: Water

Analysis Batch: 626821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	47.0		ug/L		94	70 - 130
Toluene	50.0	47.8		ug/L		96	70 - 130
Ethylbenzene	50.0	52.9		ug/L		106	70 - 130
Xylenes, Total	100	108		ug/L		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		64 - 132
1,2-Dichloroethane-d4 (Surr)	122		67 - 134
Dibromofluoromethane	103		75 - 126
4-Bromofluorobenzene	92		72 - 130

Lab Sample ID: MB 400-627674/4

Matrix: Water

Analysis Batch: 627674

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			06/03/23 07:47	1
Toluene	<1.0		1.0		ug/L			06/03/23 07:47	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 07:47	1
Xylenes, Total	<10		10		ug/L			06/03/23 07:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		64 - 132		06/03/23 07:47	1
Dibromofluoromethane	109		75 - 126		06/03/23 07:47	1
4-Bromofluorobenzene	92		72 - 130		06/03/23 07:47	1

Lab Sample ID: LCS 400-627674/1002

Matrix: Water

Analysis Batch: 627674

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.5		ug/L		89	70 - 130
Toluene	50.0	45.8		ug/L		92	70 - 130

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

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

Lab Sample ID: LCS 400-627674/1002				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 627674							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	50.0	44.9		ug/L		90	70 - 130
Xylenes, Total	100	87.0		ug/L		87	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Toluene-d8 (Surr)	101		64 - 132				
1,2-Dichloroethane-d4 (Surr)	92		67 - 134				
Dibromofluoromethane	93		75 - 126				
4-Bromofluorobenzene	95		72 - 130				

Environment Testing

Phone: 850-474-1001 Fax: 850-478-2671

Client Information		Sampler: Sarah Gardner		Lab PM: Whitmore, Cheyenne R		Carrier Tracking No(s): 400-120298-41358.1	
Client Contact: Joe Wiley		Phone: 303 291 2237		E-Mail: Cheyenne.Whitmore@et.eurofins.com		State of Origin:	
Company: El Paso Energy Corporation		PWSID:		Analysis Requested		Job #:	
Address: 1001 Louisiana Street Room S1905B		Due Date Requested: Standard		TAT Requested (days): Standard		Preservation Codes:	
City: Houston		Compliance Project: Δ Yes Δ No		PO #: WD1040021		A - HCL M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: TX, 77002		WO #: State Gas Com N#1_ERG_ARF_04-26-2023		Project #: 40015823		Other:	
Phone:		SSOW#:		400-238111 COC		Total Number of Containers	
Site: State Gas Com		Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
Matrix (W=water, S=solid, O=water)		Preservation Code		Field Filtered Sample (Yes or No)		8260D - BTEX - 8260	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)	
Trip Blank		5/22/23		705		Water	
DUP-01		5/22/23		710		Water	
MW-1		5/22/23		940		Water	
MW-6		5/22/23		908		Water	
MW-9		5/22/23		830		Water	
MW-13		5/22/23		910		Water	
MW-14		5/22/23		920		Water	
MW-15		5/22/23		925		Water	
MW-16		5/22/23		935		Water	
MW-18		5/22/23		850		Water	
MW-19		5/22/23		900		Water	
Possible Hazard Identification		Poison B		Unknown		Radiological	
Flammable		Skin Irritant		Non-Hazard		Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment	
Relinquished by: Joe Wiley		Date: 5/22/23		Time: 1200		Company: State	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:	

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-238111-1

SDG Number: State Gas Corn

Login Number: 238111

List Number: 1

Creator: Perez, Trina M

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Corn N#1.00

Job ID: 400-238111-1
SDG: State Gas Corn

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-23
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-24



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/29/2023 11:01:37 PM

JOB DESCRIPTION

State Gas Com N#1.00

JOB NUMBER

400-246585-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

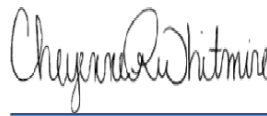
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Job Notes

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

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Laboratory Job ID: 400-246585-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Job ID: 400-246585-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-246585-1

Receipt

The samples were received on 11/11/2023 8:00 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 0.0°C

GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 400-650559 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8260D: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-10 (400-246585-4).

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-650760 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.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1 (400-246585-1), MW-6 (400-246585-2), MW-10 (400-246585-4), MW-16 (400-246585-8), MW-21 (400-246585-11) and MW-22 (400-246585-12). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-1

Lab Sample ID: 400-246585-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7000		50		ug/L	50		8260D	Total/NA
Ethylbenzene	1200		50		ug/L	50		8260D	Total/NA
Toluene	12000		50		ug/L	50		8260D	Total/NA
Xylenes, Total	10000		500		ug/L	50		8260D	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 400-246585-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4900		50		ug/L	50		8260D	Total/NA
Ethylbenzene	1100		50		ug/L	50		8260D	Total/NA
Toluene	8400		50		ug/L	50		8260D	Total/NA
Xylenes, Total	8800		500		ug/L	50		8260D	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 400-246585-3

No Detections.

Client Sample ID: MW-10

Lab Sample ID: 400-246585-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25000		100		ug/L	100		8260D	Total/NA
Ethylbenzene	700		100		ug/L	100		8260D	Total/NA
Toluene	20000		100		ug/L	100		8260D	Total/NA
Xylenes, Total	5400		1000		ug/L	100		8260D	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 400-246585-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	290		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	2.7		1.0		ug/L	1		8260D	Total/NA
Toluene	16		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	26		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 400-246585-6

No Detections.

Client Sample ID: MW-15

Lab Sample ID: 400-246585-7

No Detections.

Client Sample ID: MW-16

Lab Sample ID: 400-246585-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	69		2.0		ug/L	2		8260D	Total/NA
Toluene	2.3		2.0		ug/L	2		8260D	Total/NA
Xylenes, Total	560		20		ug/L	2		8260D	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 400-246585-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.6		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: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-19

Lab Sample ID: 400-246585-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-21

Lab Sample ID: 400-246585-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	10000		50		ug/L	50		8260D	Total/NA
Ethylbenzene	230		50		ug/L	50		8260D	Total/NA
Toluene	9700		50		ug/L	50		8260D	Total/NA
Xylenes, Total	2600		500		ug/L	50		8260D	Total/NA

Client Sample ID: MW-22

Lab Sample ID: 400-246585-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3700		50		ug/L	50		8260D	Total/NA
Ethylbenzene	98		50		ug/L	50		8260D	Total/NA
Toluene	5400		50		ug/L	50		8260D	Total/NA
Xylenes, Total	770		500		ug/L	50		8260D	Total/NA

Client Sample ID: DUP-01

Lab Sample ID: 400-246585-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	240		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	1.3		1.0		ug/L	1		8260D	Total/NA
Toluene	10		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	13		10		ug/L	1		8260D	Total/NA

Client Sample ID: TB-01

Lab Sample ID: 400-246585-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

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

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-246585-1	MW-1	Water	11/10/23 09:20	11/11/23 08:00
400-246585-2	MW-6	Water	11/10/23 09:32	11/11/23 08:00
400-246585-3	MW-9	Water	11/10/23 09:46	11/11/23 08:00
400-246585-4	MW-10	Water	11/10/23 11:35	11/11/23 08:00
400-246585-5	MW-13	Water	11/10/23 09:05	11/11/23 08:00
400-246585-6	MW-14	Water	11/10/23 10:13	11/11/23 08:00
400-246585-7	MW-15	Water	11/10/23 10:28	11/11/23 08:00
400-246585-8	MW-16	Water	11/10/23 10:40	11/11/23 08:00
400-246585-9	MW-18	Water	11/10/23 10:48	11/11/23 08:00
400-246585-10	MW-19	Water	11/10/23 10:58	11/11/23 08:00
400-246585-11	MW-21	Water	11/10/23 11:10	11/11/23 08:00
400-246585-12	MW-22	Water	11/10/23 11:17	11/11/23 08:00
400-246585-13	DUP-01	Water	11/10/23 00:00	11/11/23 08:00
400-246585-14	TB-01	Water	11/10/23 08:00	11/11/23 08:00

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-1
Date Collected: 11/10/23 09:20
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7000		50		ug/L			11/17/23 17:12	50
Ethylbenzene	1200		50		ug/L			11/17/23 17:12	50
Toluene	12000		50		ug/L			11/17/23 17:12	50
Xylenes, Total	10000		500		ug/L			11/17/23 17:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130					11/17/23 17:12	50
Dibromofluoromethane	91		75 - 126					11/17/23 17:12	50
Toluene-d8 (Surr)	107		64 - 132					11/17/23 17:12	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-6
Date Collected: 11/10/23 09:32
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4900		50		ug/L			11/17/23 16:47	50
Ethylbenzene	1100		50		ug/L			11/17/23 16:47	50
Toluene	8400		50		ug/L			11/17/23 16:47	50
Xylenes, Total	8800		500		ug/L			11/17/23 16:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130					11/17/23 16:47	50
Dibromofluoromethane	93		75 - 126					11/17/23 16:47	50
Toluene-d8 (Surr)	108		64 - 132					11/17/23 16:47	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-9
Date Collected: 11/10/23 09:46
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/16/23 12:11	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 12:11	1
Toluene	<1.0		1.0		ug/L			11/16/23 12:11	1
Xylenes, Total	<10		10		ug/L			11/16/23 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/16/23 12:11	1
Dibromofluoromethane	95		75 - 126					11/16/23 12:11	1
Toluene-d8 (Surr)	106		64 - 132					11/16/23 12:11	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-10
Date Collected: 11/10/23 11:35
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25000		100		ug/L			11/16/23 16:18	100
Ethylbenzene	700		100		ug/L			11/16/23 16:18	100
Toluene	20000		100		ug/L			11/16/23 16:18	100
Xylenes, Total	5400		1000		ug/L			11/16/23 16:18	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130					11/16/23 16:18	100
Dibromofluoromethane	95		75 - 126					11/16/23 16:18	100
Toluene-d8 (Surr)	107		64 - 132					11/16/23 16:18	100

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-13

Lab Sample ID: 400-246585-5

Date Collected: 11/10/23 09:05

Matrix: Water

Date Received: 11/11/23 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	290		1.0		ug/L			11/16/23 12:36	1
Ethylbenzene	2.7		1.0		ug/L			11/16/23 12:36	1
Toluene	16		1.0		ug/L			11/16/23 12:36	1
Xylenes, Total	26		10		ug/L			11/16/23 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		11/16/23 12:36	1
Dibromofluoromethane	91		75 - 126		11/16/23 12:36	1
Toluene-d8 (Surr)	107		64 - 132		11/16/23 12:36	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-14
Date Collected: 11/10/23 10:13
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/16/23 11:46	1
Ethylbenzene	<1.0	F2	1.0		ug/L			11/16/23 11:46	1
Toluene	<1.0	F2	1.0		ug/L			11/16/23 11:46	1
Xylenes, Total	<10	F2	10		ug/L			11/16/23 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130		11/16/23 11:46	1
Dibromofluoromethane	95		75 - 126		11/16/23 11:46	1
Toluene-d8 (Surr)	107		64 - 132		11/16/23 11:46	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-15
Date Collected: 11/10/23 10:28
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-7
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			11/16/23 13:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 13:01	1
Toluene	<1.0		1.0		ug/L			11/16/23 13:01	1
Xylenes, Total	<10		10		ug/L			11/16/23 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130		11/16/23 13:01	1
Dibromofluoromethane	95		75 - 126		11/16/23 13:01	1
Toluene-d8 (Surr)	107		64 - 132		11/16/23 13:01	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-16
Date Collected: 11/10/23 10:40
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	69		2.0		ug/L			11/17/23 13:24	2
Ethylbenzene	<2.0		2.0		ug/L			11/17/23 13:24	2
Toluene	2.3		2.0		ug/L			11/17/23 13:24	2
Xylenes, Total	560		20		ug/L			11/17/23 13:24	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		11/17/23 13:24	2
Dibromofluoromethane	96		75 - 126		11/17/23 13:24	2
Toluene-d8 (Surr)	110		64 - 132		11/17/23 13:24	2

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-18
Date Collected: 11/10/23 10:48
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.6		1.0		ug/L			11/16/23 20:12	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 20:12	1
Toluene	<1.0		1.0		ug/L			11/16/23 20:12	1
Xylenes, Total	<10		10		ug/L			11/16/23 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		72 - 130		11/16/23 20:12	1
Dibromofluoromethane	91		75 - 126		11/16/23 20:12	1
Toluene-d8 (Surr)	106		64 - 132		11/16/23 20:12	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-19

Lab Sample ID: 400-246585-10

Date Collected: 11/10/23 10:58

Matrix: Water

Date Received: 11/11/23 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.2		1.0		ug/L			11/16/23 19:21	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 19:21	1
Toluene	<1.0		1.0		ug/L			11/16/23 19:21	1
Xylenes, Total	<10		10		ug/L			11/16/23 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		72 - 130		11/16/23 19:21	1
Dibromofluoromethane	93		75 - 126		11/16/23 19:21	1
Toluene-d8 (Surr)	105		64 - 132		11/16/23 19:21	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-21
Date Collected: 11/10/23 11:10
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10000		50		ug/L			11/22/23 22:09	50
Ethylbenzene	230		50		ug/L			11/22/23 22:09	50
Toluene	9700		50		ug/L			11/22/23 22:09	50
Xylenes, Total	2600		500		ug/L			11/22/23 22:09	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		72 - 130					11/22/23 22:09	50
Dibromofluoromethane	86		75 - 126					11/22/23 22:09	50
Toluene-d8 (Surr)	105		64 - 132					11/22/23 22:09	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-22
Date Collected: 11/10/23 11:17
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3700		50		ug/L			11/24/23 12:53	50
Ethylbenzene	98		50		ug/L			11/24/23 12:53	50
Toluene	5400		50		ug/L			11/24/23 12:53	50
Xylenes, Total	770		500		ug/L			11/24/23 12:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		72 - 130		11/24/23 12:53	50
Dibromofluoromethane	86		75 - 126		11/24/23 12:53	50
Toluene-d8 (Surr)	104		64 - 132		11/24/23 12:53	50

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: DUP-01

Lab Sample ID: 400-246585-13

Date Collected: 11/10/23 00:00

Matrix: Water

Date Received: 11/11/23 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	240		1.0		ug/L			11/22/23 21:44	1
Ethylbenzene	1.3		1.0		ug/L			11/22/23 21:44	1
Toluene	10		1.0		ug/L			11/22/23 21:44	1
Xylenes, Total	13		10		ug/L			11/22/23 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		72 - 130		11/22/23 21:44	1
Dibromofluoromethane	87		75 - 126		11/22/23 21:44	1
Toluene-d8 (Surr)	107		64 - 132		11/22/23 21:44	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: TB-01
Date Collected: 11/10/23 08:00
Date Received: 11/11/23 08:00

Lab Sample ID: 400-246585-14
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			11/22/23 16:44	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 16:44	1
Toluene	<1.0		1.0		ug/L			11/22/23 16:44	1
Xylenes, Total	<10		10		ug/L			11/22/23 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		72 - 130		11/22/23 16:44	1
Dibromofluoromethane	87		75 - 126		11/22/23 16:44	1
Toluene-d8 (Surr)	106		64 - 132		11/22/23 16:44	1

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-1**Lab Sample ID: 400-246585-1****Date Collected: 11/10/23 09:20****Matrix: Water****Date Received: 11/11/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	650760	11/17/23 17:12	BPO	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-246585-2****Date Collected: 11/10/23 09:32****Matrix: Water****Date Received: 11/11/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	650760	11/17/23 16:47	BPO	EET PEN

Client Sample ID: MW-9**Lab Sample ID: 400-246585-3****Date Collected: 11/10/23 09:46****Matrix: Water****Date Received: 11/11/23 08:00**

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	650559	11/16/23 12:11	BPO	EET PEN

Client Sample ID: MW-10**Lab Sample ID: 400-246585-4****Date Collected: 11/10/23 11:35****Matrix: Water****Date Received: 11/11/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	5 mL	5 mL	650559	11/16/23 16:18	BPO	EET PEN

Client Sample ID: MW-13**Lab Sample ID: 400-246585-5****Date Collected: 11/10/23 09:05****Matrix: Water****Date Received: 11/11/23 08:00**

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	650559	11/16/23 12:36	BPO	EET PEN

Client Sample ID: MW-14**Lab Sample ID: 400-246585-6****Date Collected: 11/10/23 10:13****Matrix: Water****Date Received: 11/11/23 08:00**

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	650559	11/16/23 11:46	BPO	EET PEN

Client Sample ID: MW-15**Lab Sample ID: 400-246585-7****Date Collected: 11/10/23 10:28****Matrix: Water****Date Received: 11/11/23 08:00**

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	650559	11/16/23 13:01	BPO	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: MW-16**Date Collected: 11/10/23 10:40****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-8****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		2	5 mL	5 mL	650760	11/17/23 13:24	BPO	EET PEN

Client Sample ID: MW-18**Date Collected: 11/10/23 10:48****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-9****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	650731	11/16/23 20:12	BPO	EET PEN

Client Sample ID: MW-19**Date Collected: 11/10/23 10:58****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-10****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	650731	11/16/23 19:21	BPO	EET PEN

Client Sample ID: MW-21**Date Collected: 11/10/23 11:10****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-11****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		50	5 mL	5 mL	651419	11/22/23 22:09	BPO	EET PEN

Client Sample ID: MW-22**Date Collected: 11/10/23 11:17****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-12****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		50	5 mL	5 mL	651606	11/24/23 12:53	BPO	EET PEN

Client Sample ID: DUP-01**Date Collected: 11/10/23 00:00****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-13****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	651419	11/22/23 21:44	BPO	EET PEN

Client Sample ID: TB-01**Date Collected: 11/10/23 08:00****Date Received: 11/11/23 08:00****Lab Sample ID: 400-246585-14****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	651419	11/22/23 16:44	BPO	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: Method Blank**Lab Sample ID: MB 400-650559/9****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	650559	11/16/23 11:21	BPO	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-650731/3****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	650731	11/16/23 18:31	BPO	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-650760/3****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	650760	11/17/23 12:34	BPO	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-651419/3****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	651419	11/22/23 11:43	BPO	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-651606/3****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	651606	11/24/23 11:13	BPO	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-650559/1001****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	650559	11/16/23 10:02	BPO	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-650731/1001****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	650731	11/16/23 17:33	BPO	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-650760/1001

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	650760	11/17/23 11:19	BPO	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-651419/1001

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	651419	11/22/23 10:24	BPO	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-651606/1001

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	651606	11/24/23 10:12	BPO	EET PEN

Client Sample ID: MW-14

Lab Sample ID: 400-246585-6 MS

Date Collected: 11/10/23 10:13

Matrix: Water

Date Received: 11/11/23 08:00

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	650559	11/16/23 16:43	BPO	EET PEN

Client Sample ID: MW-14

Lab Sample ID: 400-246585-6 MSD

Date Collected: 11/10/23 10:13

Matrix: Water

Date Received: 11/11/23 08:00

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	650559	11/16/23 17:08	BPO	EET PEN

Client Sample ID: MW-19

Lab Sample ID: 400-246585-10 MS

Date Collected: 11/10/23 10:58

Matrix: Water

Date Received: 11/11/23 08:00

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	650731	11/16/23 21:27	BPO	EET PEN

Client Sample ID: MW-19

Lab Sample ID: 400-246585-10 MSD

Date Collected: 11/10/23 10:58

Matrix: Water

Date Received: 11/11/23 08:00

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	650731	11/16/23 21:52	BPO	EET PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

GC/MS VOA

Analysis Batch: 650559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246585-3	MW-9	Total/NA	Water	8260D	
400-246585-4	MW-10	Total/NA	Water	8260D	
400-246585-5	MW-13	Total/NA	Water	8260D	
400-246585-6	MW-14	Total/NA	Water	8260D	
400-246585-7	MW-15	Total/NA	Water	8260D	
MB 400-650559/9	Method Blank	Total/NA	Water	8260D	
LCS 400-650559/1001	Lab Control Sample	Total/NA	Water	8260D	
400-246585-6 MS	MW-14	Total/NA	Water	8260D	
400-246585-6 MSD	MW-14	Total/NA	Water	8260D	

Analysis Batch: 650731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246585-9	MW-18	Total/NA	Water	8260D	
400-246585-10	MW-19	Total/NA	Water	8260D	
MB 400-650731/3	Method Blank	Total/NA	Water	8260D	
LCS 400-650731/1001	Lab Control Sample	Total/NA	Water	8260D	
400-246585-10 MS	MW-19	Total/NA	Water	8260D	
400-246585-10 MSD	MW-19	Total/NA	Water	8260D	

Analysis Batch: 650760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246585-1	MW-1	Total/NA	Water	8260D	
400-246585-2	MW-6	Total/NA	Water	8260D	
400-246585-8	MW-16	Total/NA	Water	8260D	
MB 400-650760/3	Method Blank	Total/NA	Water	8260D	
LCS 400-650760/1001	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 651419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246585-11	MW-21	Total/NA	Water	8260D	
400-246585-13	DUP-01	Total/NA	Water	8260D	
400-246585-14	TB-01	Total/NA	Water	8260D	
MB 400-651419/3	Method Blank	Total/NA	Water	8260D	
LCS 400-651419/1001	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 651606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246585-12	MW-22	Total/NA	Water	8260D	
MB 400-651606/3	Method Blank	Total/NA	Water	8260D	
LCS 400-651606/1001	Lab Control Sample	Total/NA	Water	8260D	

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

Lab Sample ID: MB 400-650559/9

Matrix: Water

Analysis Batch: 650559

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			11/16/23 11:21	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 11:21	1
Toluene	<1.0		1.0		ug/L			11/16/23 11:21	1
Xylenes, Total	<10		10		ug/L			11/16/23 11:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130		11/16/23 11:21	1
Dibromofluoromethane	98		75 - 126		11/16/23 11:21	1
Toluene-d8 (Surr)	108		64 - 132		11/16/23 11:21	1

Lab Sample ID: LCS 400-650559/1001

Matrix: Water

Analysis Batch: 650559

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	50.5		ug/L		101	70 - 130
o-Xylene	50.0	48.7		ug/L		97	70 - 130
Ethylbenzene	50.0	50.5		ug/L		101	70 - 130
Toluene	50.0	50.1		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		72 - 130
Dibromofluoromethane	97		75 - 126
Toluene-d8 (Surr)	103		64 - 132
1,2-Dichloroethane-d4 (Surr)	115		67 - 134

Lab Sample ID: 400-246585-6 MS

Matrix: Water

Analysis Batch: 650559

Client Sample ID: MW-14

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	59.2		ug/L		118	56 - 142
m-Xylene & p-Xylene	<5.0	F2	50.0	50.4		ug/L		101	57 - 130
o-Xylene	<5.0	F2	50.0	50.0		ug/L		100	61 - 130
Ethylbenzene	<1.0	F2	50.0	51.3		ug/L		103	58 - 131
Toluene	<1.0	F2	50.0	57.8		ug/L		116	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	104		72 - 130
Dibromofluoromethane	94		75 - 126
Toluene-d8 (Surr)	105		64 - 132
1,2-Dichloroethane-d4 (Surr)	114		67 - 134

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

Lab Sample ID: 400-246585-6 MSD

Matrix: Water

Analysis Batch: 650559

Client Sample ID: MW-14

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	44.9		ug/L		90	56 - 142	27	30
m-Xylene & p-Xylene	<5.0	F2	50.0	30.9	F2	ug/L		62	57 - 130	48	30
o-Xylene	<5.0	F2	50.0	32.4	F2	ug/L		65	61 - 130	43	30
Ethylbenzene	<1.0	F2	50.0	32.6	F2	ug/L		65	58 - 131	45	30
Toluene	<1.0	F2	50.0	41.3	F2	ug/L		83	65 - 130	33	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	107		72 - 130
Dibromofluoromethane	91		75 - 126
Toluene-d8 (Surr)	104		64 - 132
1,2-Dichloroethane-d4 (Surr)	105		67 - 134

Lab Sample ID: MB 400-650731/3

Matrix: Water

Analysis Batch: 650731

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			11/16/23 18:31	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/23 18:31	1
Toluene	<1.0		1.0		ug/L			11/16/23 18:31	1
Xylenes, Total	<10		10		ug/L			11/16/23 18:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130		11/16/23 18:31	1
Dibromofluoromethane	92		75 - 126		11/16/23 18:31	1
Toluene-d8 (Surr)	107		64 - 132		11/16/23 18:31	1

Lab Sample ID: LCS 400-650731/1001

Matrix: Water

Analysis Batch: 650731

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	53.6		ug/L		107	70 - 130
o-Xylene	50.0	51.6		ug/L		103	70 - 130
Ethylbenzene	50.0	53.5		ug/L		107	70 - 130
Toluene	50.0	53.6		ug/L		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	91		75 - 126
Toluene-d8 (Surr)	104		64 - 132
1,2-Dichloroethane-d4 (Surr)	109		67 - 134

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

Lab Sample ID: 400-246585-10 MS

Matrix: Water

Analysis Batch: 650731

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.2		50.0	49.5		ug/L		97	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	36.0		ug/L		72	57 - 130
o-Xylene	<5.0		50.0	36.7		ug/L		73	61 - 130
Ethylbenzene	<1.0		50.0	35.6		ug/L		71	58 - 131
Toluene	<1.0		50.0	46.3		ug/L		93	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	90		75 - 126
Toluene-d8 (Surr)	104		64 - 132
1,2-Dichloroethane-d4 (Surr)	101		67 - 134

Lab Sample ID: 400-246585-10 MSD

Matrix: Water

Analysis Batch: 650731

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	1.2		50.0	48.3		ug/L		94	56 - 142	2	30
m-Xylene & p-Xylene	<5.0		50.0	39.9		ug/L		80	57 - 130	10	30
o-Xylene	<5.0		50.0	40.0		ug/L		80	61 - 130	9	30
Ethylbenzene	<1.0		50.0	39.5		ug/L		79	58 - 131	10	30
Toluene	<1.0		50.0	46.0		ug/L		92	65 - 130	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	92		75 - 126
Toluene-d8 (Surr)	105		64 - 132
1,2-Dichloroethane-d4 (Surr)	103		67 - 134

Lab Sample ID: MB 400-650760/3

Matrix: Water

Analysis Batch: 650760

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			11/17/23 12:34	1
Ethylbenzene	<1.0		1.0		ug/L			11/17/23 12:34	1
Toluene	<1.0		1.0		ug/L			11/17/23 12:34	1
Xylenes, Total	<10		10		ug/L			11/17/23 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		72 - 130		11/17/23 12:34	1
Dibromofluoromethane	100		75 - 126		11/17/23 12:34	1
Toluene-d8 (Surr)	108		64 - 132		11/17/23 12:34	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

Lab Sample ID: LCS 400-650760/1001

Matrix: Water

Analysis Batch: 650760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	47.9		ug/L		96	70 - 130
m-Xylene & p-Xylene	50.0	46.1		ug/L		92	70 - 130
o-Xylene	50.0	44.6		ug/L		89	70 - 130
Ethylbenzene	50.0	46.2		ug/L		92	70 - 130
Toluene	50.0	48.2		ug/L		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	104		72 - 130
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	103		64 - 132
1,2-Dichloroethane-d4 (Surr)	112		67 - 134

Lab Sample ID: MB 400-651419/3

Matrix: Water

Analysis Batch: 651419

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 11:43	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 11:43	1
Toluene	<1.0		1.0		ug/L			11/22/23 11:43	1
Xylenes, Total	<10		10		ug/L			11/22/23 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		11/22/23 11:43	1
Dibromofluoromethane	100		75 - 126		11/22/23 11:43	1
Toluene-d8 (Surr)	106		64 - 132		11/22/23 11:43	1

Lab Sample ID: LCS 400-651419/1001

Matrix: Water

Analysis Batch: 651419

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	43.4		ug/L		87	70 - 130
m-Xylene & p-Xylene	50.0	49.2		ug/L		98	70 - 130
o-Xylene	50.0	45.6		ug/L		91	70 - 130
Ethylbenzene	50.0	46.8		ug/L		94	70 - 130
Toluene	50.0	45.7		ug/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	102		64 - 132
1,2-Dichloroethane-d4 (Surr)	121		67 - 134

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1.00

Job ID: 400-246585-1

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

Lab Sample ID: MB 400-651606/3

Matrix: Water

Analysis Batch: 651606

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			11/24/23 11:13	1
Ethylbenzene	<1.0		1.0		ug/L			11/24/23 11:13	1
Toluene	<1.0		1.0		ug/L			11/24/23 11:13	1
Xylenes, Total	<10		10		ug/L			11/24/23 11:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		11/24/23 11:13	1
Dibromofluoromethane	87		75 - 126		11/24/23 11:13	1
Toluene-d8 (Surr)	104		64 - 132		11/24/23 11:13	1

Lab Sample ID: LCS 400-651606/1001

Matrix: Water

Analysis Batch: 651606

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	49.5		ug/L		99	70 - 130
m-Xylene & p-Xylene	50.0	56.6		ug/L		113	70 - 130
o-Xylene	50.0	55.3		ug/L		111	70 - 130
Ethylbenzene	50.0	55.5		ug/L		111	70 - 130
Toluene	50.0	54.0		ug/L		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	108		72 - 130
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	104		64 - 132
1,2-Dichloroethane-d4 (Surr)	121		67 - 134

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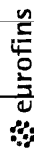
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3355 McLemore Drive
Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671



Chain of Custody Record



Environment Testing

Client Information Client Contact: Joe Wiley Company: EI Paso Energy Corporation Address: 1001 Louisiana Street Room S1905B City: Houston State: TX TX: 77002 Phone: 77002 Email: joe.wiley@kindermorgan.com Project Name: State Gas Com N#1.00 State Gas Com N#1.00 Site:		Lab PM: Whitmore, Cheyenne R E-Mail: Cheyenne.Whitmore@et.eurofins.com Carrier Tracking No(s): 400-124043-41358.1 State of Origin: Page 1 of 2 Job #	
Due Date Requested: STD TAT Requested (days): Compliance Project: Δ Yes Δ No PO #: WD1040021 WO #: State Gas Com N#1_ERG_ARF_10_24_2023 Project #: 40015823 SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - D Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Sample Identification MW-1 MW-6 MW-9 MW-10 MW-13 MW-14 MW-15 MW-16 MW-18 MW-19 MW-21		Sample Date 11/10/2023 0920 11/10/2023 0932 11/10/2023 0946 11/10/2023 1135 11/10/2023 0905 11/10/2023 1023 11/10/2023 1028 11/10/2023 1040 11/10/2023 1048 11/10/2023 1058 11/10/2023 1110	
Sample Type (C=Comp, G=grab) G G G G G G G G G G G		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, Asst) Water Water Water Water Water Water Water Water Water Water Water	
Sample Time 0920 0932 0946 1135 0905 1023 1028 1040 1048 1058 1110		Preservation Code N N N N N N N N N N N	
Special Instructions/Note: 8260D - BTEX - 8260 8260D - BTEX - 8260		Special Instructions/Note: 8260D - BTEX - 8260 8260D - BTEX - 8260	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:	
Relinquished by: Emma Brady Relinquished by: Emma Brady Relinquished by:		Date/Time: 11/10/2023 1315 Date/Time: Date/Time:	
Relinquished by:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 0.0 FAS	

Ver: 06/08/2021

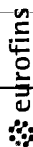
Eurofins Pensacola

3355 McEnroe Drive

Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Environment Testing

Client Information Client Contact: Joe Wiley Company: El Paso Energy Corporation Address: 1001 Louisiana Street Room S1905B City: Houston State, Zip: TX, 77002 Phone: [blank] Email: joe.wiley@kindermorgan.com Project Name: State Gas Com N#1.00 State Gas Com N#1.00 Site: [blank]		Sampler: SRC/ERB Lab PM: Whitmore, Cheyenne R Phone: 515-253-0830 E-Mail: Cheyenne.Whitmore@et.eurofins.com		Carrier Tracking No(s): 400-124043-41358.2 State of Origin: [blank] Page 2 of 2 Job #: [blank]	
Due Date Requested: [blank] TAT Requested (days): [blank] Compliance Project: ☐ Yes ☒ No PO #: WD1040021 WD #: [blank] State Gas Com N#1.00 Project #: 40015823 SOW#: [blank]		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anhydrous H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: [blank]			
Sample Identification MW-22 DUP-01 TB-01		Sample Date 11/10/2023 11/10/2023 11/10/2023	Sample Time 1117 — 0800	Sample Type (C=Comp, G=Grab) G G G	Matrix (Water, Swell, Oil, Other) Water Water Water
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For [blank] Months			
Deliverable Requested: I, II, III, IV, Other (specify) [blank]		Special Instructions/QC Requirements: [blank]			
Empty Kit Relinquished by: [blank]		Method of Shipment: [blank]			
Relinquished by: Emma Brady		Received by: [blank]			
Relinquished by: [blank]		Received by: [blank]			
Relinquished by: [blank]		Received by: [blank]			
Custody Seals Intact: ☒ Yes ☐ No		Cooler Temperature(s) °C and Other Remarks: [blank]			

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-246585-1

Login Number: 246585

List Source: Eurofins Pensacola

List Number: 1

Creator: Earnest, Tamantha

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
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: State Gas Com N#1.00

Job ID: 400-246585-1

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	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-24
West Virginia DEP	State	136	03-31-24

APPENDIX I

Soil Analytical Lab Report



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/21/2023 3:14:02 PM

JOB DESCRIPTION

State Gas Com N#1

JOB NUMBER

400-245243-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514



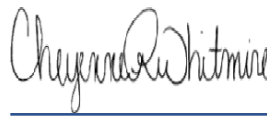
Eurofins Pensacola

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

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Laboratory Job ID: 400-245243-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Job ID: 400-245243-1**Laboratory: Eurofins Pensacola****Narrative****Job Narrative
400-245243-1****Receipt**

The samples were received on 10/18/2023 9:11 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° C.

GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-21 69' (400-245243-6), MW-23 74' (400-245243-12), SB-2 74' (400-245243-16), SB-3 71' (400-245243-20), SB-3 79' (400-245243-21) and SB-4 72' (400-245243-25). Elevated reporting limits (RLs) are provided.

GC VOA

Method 8015C: The following samples were diluted because the base dilution for methanol preserved samples is 1:50: MW-20 32' (400-245243-1), MW-20 52' (400-245243-2), MW-20 67' (400-245243-3), MW-21 32' (400-245243-4), MW-21 64' (400-245243-5), MW-21 69' (400-245243-6), MW-22 11' (400-245243-7), MW-22 29' (400-245243-8), MW-22 74' (400-245243-9), MW-23 24' (400-245243-10), MW-23 59' (400-245243-11), MW-23 74' (400-245243-12), SB-2 14' (400-245243-13), SB-2 38' (400-245243-14), SB-2 55' (400-245243-15), SB-3 18' (400-245243-17), SB-3 47' (400-245243-18), SB-3 56' (400-245243-19), SB-3 79' (400-245243-21), SB-4 16' (400-245243-22), SB-4 39' (400-245243-23), SB-4 52' (400-245243-24), SB-5 27' (400-245243-26), SB-5 41' (400-245243-27) and SB-5 74' (400-245243-29).

Method 8015C: The following samples were diluted to bring the concentration of target analytes within the calibration range: SB-2 74' (400-245243-16) and SB-3 71' (400-245243-20). Elevated reporting limits (RLs) are provided.

Method 8015C: The following sample was diluted because the base dilution for methanol preserved samples is 1:50: SB-5 64' (400-245243-28).

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 32'

Lab Sample ID: 400-245243-1

No Detections.

Client Sample ID: MW-20 52'

Lab Sample ID: 400-245243-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	47		24		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-20 67'

Lab Sample ID: 400-245243-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)	24		5.7		mg/Kg	50	✱	8015C	Total/NA
C6--C10									
Chloride	38		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-21 32'

Lab Sample ID: 400-245243-4

No Detections.

Client Sample ID: MW-21 64'

Lab Sample ID: 400-245243-5

No Detections.

Client Sample ID: MW-21 69'

Lab Sample ID: 400-245243-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.64		0.63		mg/Kg	50	✱	8260D	Total/NA
Gasoline Range Organics (GRO)	33		6.3		mg/Kg	50	✱	8015C	Total/NA
C6--C10									
Diesel Range Organics (DRO)	7.1		5.8		mg/Kg	1	✱	8015C	Total/NA
Chloride	54		23		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-22 11'

Lab Sample ID: 400-245243-7

No Detections.

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oil Range Organics (ORO)	7.7		5.5		mg/Kg	1	✱	8015C	Total/NA
Chloride	42		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-22 74'

Lab Sample ID: 400-245243-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	43		23		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-23 24'

Lab Sample ID: 400-245243-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	22		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: MW-23 59'

Lab Sample ID: 400-245243-11

No Detections.

Client Sample ID: MW-23 74'

Lab Sample ID: 400-245243-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.0		0.33		mg/Kg	50	✱	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 74' (Continued)

Lab Sample ID: 400-245243-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	2.2		0.66		mg/Kg	50	✱	8260D	Total/NA
Gasoline Range Organics (GRO) C6--C10	27		6.6		mg/Kg	50	✱	8015C	Total/NA

Client Sample ID: SB-2 14'

Lab Sample ID: 400-245243-13

No Detections.

Client Sample ID: SB-2 38'

Lab Sample ID: 400-245243-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-2 55'

Lab Sample ID: 400-245243-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	44		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-2 74'

Lab Sample ID: 400-245243-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.7		3.2		mg/Kg	500	✱	8260D	Total/NA
Ethylbenzene	6.6		3.2		mg/Kg	500	✱	8260D	Total/NA
Toluene	56		3.2		mg/Kg	500	✱	8260D	Total/NA
Xylenes, Total	70		6.4		mg/Kg	500	✱	8260D	Total/NA
Gasoline Range Organics (GRO) C6--C10	3700		130		mg/Kg	1000	✱	8015C	Total/NA
Diesel Range Organics (DRO)	110		5.9		mg/Kg	1	✱	8015C	Total/NA
Chloride	30		24		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-3 18'

Lab Sample ID: 400-245243-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oil Range Organics (ORO)	6.0		5.3		mg/Kg	1	✱	8015C	Total/NA

Client Sample ID: SB-3 47'

Lab Sample ID: 400-245243-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21		21		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-3 56'

Lab Sample ID: 400-245243-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO)	12		5.5		mg/Kg	1	✱	8015C	Total/NA
Chloride	40		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-3 71'

Lab Sample ID: 400-245243-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	31		6.8		mg/Kg	1000	✱	8260D	Total/NA
Ethylbenzene	35		6.8		mg/Kg	1000	✱	8260D	Total/NA
Toluene	280		6.8		mg/Kg	1000	✱	8260D	Total/NA
Xylenes, Total	430		14		mg/Kg	1000	✱	8260D	Total/NA
Gasoline Range Organics (GRO) C6--C10	15000		270		mg/Kg	2000	✱	8015C	Total/NA
Diesel Range Organics (DRO)	770		6.1		mg/Kg	1	✱	8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 71' (Continued)

Lab Sample ID: 400-245243-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	130		24		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-3 79'

Lab Sample ID: 400-245243-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.37		0.28		mg/Kg	50	✱	8260D	Total/NA
Toluene	0.81		0.28		mg/Kg	50	✱	8260D	Total/NA
Xylenes, Total	5.0		0.56		mg/Kg	50	✱	8260D	Total/NA
Gasoline Range Organics (GRO)	330		22		mg/Kg	200	✱	8015C	Total/NA
C6--C10									
Diesel Range Organics (DRO)	45		5.3		mg/Kg	1	✱	8015C	Total/NA
Chloride	36		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-4 16'

Lab Sample ID: 400-245243-22

No Detections.

Client Sample ID: SB-4 39'

Lab Sample ID: 400-245243-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		21		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-4 52'

Lab Sample ID: 400-245243-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	110		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-4 72'

Lab Sample ID: 400-245243-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.33		0.31		mg/Kg	50	✱	8260D	Total/NA
Xylenes, Total	3.9		0.63		mg/Kg	50	✱	8260D	Total/NA
Gasoline Range Organics (GRO)	110		13		mg/Kg	100	✱	8015C	Total/NA
C6--C10									
Diesel Range Organics (DRO)	46		5.8		mg/Kg	1	✱	8015C	Total/NA
Chloride	120		23		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-5 27'

Lab Sample ID: 400-245243-26

No Detections.

Client Sample ID: SB-5 41'

Lab Sample ID: 400-245243-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		21		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-5 64'

Lab Sample ID: 400-245243-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	320		22		mg/Kg	1	✱	300.0	Soluble

Client Sample ID: SB-5 74'

Lab Sample ID: 400-245243-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.022		0.013		mg/Kg	1	✱	8260D	Total/NA
Gasoline Range Organics (GRO)	12		6.3		mg/Kg	50	✱	8015C	Total/NA
C6--C10									

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 74' (Continued)

Lab Sample ID: 400-245243-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	130		23		mg/Kg	1	✱	300.0	Soluble

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	EET PEN
8015C	Diesel Range Organics (DRO) (GC)	EPA	EET PEN
300.0	Anions, Ion Chromatography	EPA	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-245243-1	MW-20 32'	Solid	10/10/23 18:22	10/18/23 09:11
400-245243-2	MW-20 52'	Solid	10/11/23 08:53	10/18/23 09:11
400-245243-3	MW-20 67'	Solid	10/11/23 09:32	10/18/23 09:11
400-245243-4	MW-21 32'	Solid	10/11/23 14:56	10/18/23 09:11
400-245243-5	MW-21 64'	Solid	10/11/23 15:45	10/18/23 09:11
400-245243-6	MW-21 69'	Solid	10/11/23 16:00	10/18/23 09:11
400-245243-7	MW-22 11'	Solid	10/13/23 12:37	10/18/23 09:11
400-245243-8	MW-22 29'	Solid	10/13/23 13:07	10/18/23 09:11
400-245243-9	MW-22 74'	Solid	10/13/23 14:15	10/18/23 09:11
400-245243-10	MW-23 24'	Solid	10/12/23 10:39	10/18/23 09:11
400-245243-11	MW-23 59'	Solid	10/12/23 12:40	10/18/23 09:11
400-245243-12	MW-23 74'	Solid	10/12/23 13:20	10/18/23 09:11
400-245243-13	SB-2 14'	Solid	10/14/23 07:56	10/18/23 09:11
400-245243-14	SB-2 38'	Solid	10/14/23 09:09	10/18/23 09:11
400-245243-15	SB-2 55'	Solid	10/14/23 09:56	10/18/23 09:11
400-245243-16	SB-2 74'	Solid	10/14/23 10:53	10/18/23 09:11
400-245243-17	SB-3 18'	Solid	10/13/23 08:06	10/18/23 09:11
400-245243-18	SB-3 47'	Solid	10/13/23 09:13	10/18/23 09:11
400-245243-19	SB-3 56'	Solid	10/13/23 09:43	10/18/23 09:11
400-245243-20	SB-3 71'	Solid	10/13/23 10:44	10/18/23 09:11
400-245243-21	SB-3 79'	Solid	10/13/23 11:03	10/18/23 09:11
400-245243-22	SB-4 16'	Solid	10/14/23 15:14	10/18/23 09:11
400-245243-23	SB-4 39'	Solid	10/14/23 15:43	10/18/23 09:11
400-245243-24	SB-4 52'	Solid	10/14/23 16:12	10/18/23 09:11
400-245243-25	SB-4 72'	Solid	10/14/23 16:55	10/18/23 09:11
400-245243-26	SB-5 27'	Solid	10/14/23 11:33	10/18/23 09:11
400-245243-27	SB-5 41'	Solid	10/14/23 12:00	10/18/23 09:11
400-245243-28	SB-5 64'	Solid	10/14/23 12:32	10/18/23 09:11
400-245243-29	SB-5 74'	Solid	10/14/23 12:56	10/18/23 09:11

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 32'

Lab Sample ID: 400-245243-1

Date Collected: 10/10/23 18:22

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0047		0.0047		mg/Kg	✱	10/23/23 10:30	10/23/23 18:06	1
Ethylbenzene	<0.0047		0.0047		mg/Kg	✱	10/23/23 10:30	10/23/23 18:06	1
Toluene	<0.0047		0.0047		mg/Kg	✱	10/23/23 10:30	10/23/23 18:06	1
Xylenes, Total	<0.0095		0.0095		mg/Kg	✱	10/23/23 10:30	10/23/23 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130	10/23/23 10:30	10/23/23 18:06	1
Dibromofluoromethane	116		77 - 127	10/23/23 10:30	10/23/23 18:06	1
Toluene-d8 (Surr)	96		76 - 127	10/23/23 10:30	10/23/23 18:06	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.0		5.0		mg/Kg	✱	10/19/23 13:06	10/19/23 15:50	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	93		65 - 125	10/19/23 13:06	10/19/23 15:50	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.1		5.1		mg/Kg	✱	10/20/23 13:43	10/25/23 07:28	1
Oil Range Organics (ORO)	<5.1		5.1		mg/Kg	✱	10/20/23 13:43	10/25/23 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	109		27 - 150	10/20/23 13:43	10/25/23 07:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20		mg/Kg	✱		10/23/23 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.5		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	3.5		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 52'

Lab Sample ID: 400-245243-2

Date Collected: 10/11/23 08:53

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0064		0.0064		mg/Kg	✧	10/23/23 10:30	10/23/23 18:28	1
Ethylbenzene	<0.0064		0.0064		mg/Kg	✧	10/23/23 10:30	10/23/23 18:28	1
Toluene	<0.0064		0.0064		mg/Kg	✧	10/23/23 10:30	10/23/23 18:28	1
Xylenes, Total	<0.013		0.013		mg/Kg	✧	10/23/23 10:30	10/23/23 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130	10/23/23 10:30	10/23/23 18:28	1
Dibromofluoromethane	116		77 - 127	10/23/23 10:30	10/23/23 18:28	1
Toluene-d8 (Surr)	96		76 - 127	10/23/23 10:30	10/23/23 18:28	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<6.5		6.5		mg/Kg	✧	10/19/23 13:06	10/19/23 16:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	94		65 - 125	10/19/23 13:06	10/19/23 16:17	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.7		5.7		mg/Kg	✧	10/20/23 13:43	10/25/23 07:44	1
Oil Range Organics (ORO)	<5.7		5.7		mg/Kg	✧	10/20/23 13:43	10/25/23 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	101		27 - 150	10/20/23 13:43	10/25/23 07:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47		24		mg/Kg	✧		10/23/23 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.7		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	16.3		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 67'

Lab Sample ID: 400-245243-3

Date Collected: 10/11/23 09:32

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0061		0.0061		mg/Kg	☆	10/23/23 10:30	10/23/23 18:51	1
Ethylbenzene	<0.0061		0.0061		mg/Kg	☆	10/23/23 10:30	10/23/23 18:51	1
Toluene	<0.0061		0.0061		mg/Kg	☆	10/23/23 10:30	10/23/23 18:51	1
Xylenes, Total	<0.012		0.012		mg/Kg	☆	10/23/23 10:30	10/23/23 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130	10/23/23 10:30	10/23/23 18:51	1
Dibromofluoromethane	111		77 - 127	10/23/23 10:30	10/23/23 18:51	1
Toluene-d8 (Surr)	98		76 - 127	10/23/23 10:30	10/23/23 18:51	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	24		5.7		mg/Kg	☆	10/19/23 13:06	10/19/23 17:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/19/23 13:06	10/19/23 17:46	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.4		5.4		mg/Kg	☆	10/20/23 13:43	10/25/23 08:01	1
Oil Range Organics (ORO)	<5.4		5.4		mg/Kg	☆	10/20/23 13:43	10/25/23 08:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	107		27 - 150	10/20/23 13:43	10/25/23 08:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38		22		mg/Kg	☆		10/23/23 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	90.7		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	9.4		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-21 32'

Lab Sample ID: 400-245243-4

Date Collected: 10/11/23 14:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0060		0.0060		mg/Kg	✧	10/23/23 10:30	10/23/23 19:14	1
Ethylbenzene	<0.0060		0.0060		mg/Kg	✧	10/23/23 10:30	10/23/23 19:14	1
Toluene	<0.0060		0.0060		mg/Kg	✧	10/23/23 10:30	10/23/23 19:14	1
Xylenes, Total	<0.012		0.012		mg/Kg	✧	10/23/23 10:30	10/23/23 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130	10/23/23 10:30	10/23/23 19:14	1
Dibromofluoromethane	115		77 - 127	10/23/23 10:30	10/23/23 19:14	1
Toluene-d8 (Surr)	97		76 - 127	10/23/23 10:30	10/23/23 19:14	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.9		5.9		mg/Kg	✧	10/20/23 10:53	10/20/23 13:07	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/20/23 10:53	10/20/23 13:07	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.6		5.6		mg/Kg	✧	10/20/23 13:43	10/25/23 08:17	1
Oil Range Organics (ORO)	<5.6		5.6		mg/Kg	✧	10/20/23 13:43	10/25/23 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	126		27 - 150	10/20/23 13:43	10/25/23 08:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22		mg/Kg	✧		10/23/23 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.8		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	11.2		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-21 64'

Lab Sample ID: 400-245243-5

Date Collected: 10/11/23 15:45

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0057		0.0057		mg/Kg	☼	10/23/23 10:30	10/23/23 19:36	1
Ethylbenzene	<0.0057		0.0057		mg/Kg	☼	10/23/23 10:30	10/23/23 19:36	1
Toluene	<0.0057		0.0057		mg/Kg	☼	10/23/23 10:30	10/23/23 19:36	1
Xylenes, Total	<0.011		0.011		mg/Kg	☼	10/23/23 10:30	10/23/23 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130	10/23/23 10:30	10/23/23 19:36	1
Dibromofluoromethane	114		77 - 127	10/23/23 10:30	10/23/23 19:36	1
Toluene-d8 (Surr)	97		76 - 127	10/23/23 10:30	10/23/23 19:36	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.9		5.9		mg/Kg	☼	10/20/23 10:53	10/20/23 16:25	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	94		65 - 125	10/20/23 10:53	10/20/23 16:25	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.6		5.6		mg/Kg	☼	10/20/23 13:43	10/25/23 08:34	1
Oil Range Organics (ORO)	<5.6		5.6		mg/Kg	☼	10/20/23 13:43	10/25/23 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	127		27 - 150	10/20/23 13:43	10/25/23 08:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22		mg/Kg	☼		10/23/23 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.6		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	11.4		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-21 69'

Lab Sample ID: 400-245243-6

Date Collected: 10/11/23 16:00

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.31		0.31		mg/Kg	☆	10/23/23 10:30	10/23/23 20:44	50
Ethylbenzene	<0.31		0.31		mg/Kg	☆	10/23/23 10:30	10/23/23 20:44	50
Toluene	<0.31		0.31		mg/Kg	☆	10/23/23 10:30	10/23/23 20:44	50
Xylenes, Total	0.64		0.63		mg/Kg	☆	10/23/23 10:30	10/23/23 20:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130	10/23/23 10:30	10/23/23 20:44	50
Dibromofluoromethane	106		77 - 127	10/23/23 10:30	10/23/23 20:44	50
Toluene-d8 (Surr)	99		76 - 127	10/23/23 10:30	10/23/23 20:44	50

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	33		6.3		mg/Kg	☆	10/20/23 10:53	10/20/23 13:33	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	101		65 - 125	10/20/23 10:53	10/20/23 13:33	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	7.1		5.8		mg/Kg	☆	10/20/23 13:43	10/25/23 08:50	1
Oil Range Organics (ORO)	<5.8		5.8		mg/Kg	☆	10/20/23 13:43	10/25/23 08:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		27 - 150	10/20/23 13:43	10/25/23 08:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54		23		mg/Kg	☆		10/23/23 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.8		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	15.2		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-22 11'

Lab Sample ID: 400-245243-7

Date Collected: 10/13/23 12:37

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 93.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0056		0.0056		mg/Kg	✧	10/23/23 10:30	10/23/23 19:59	1
Ethylbenzene	<0.0056		0.0056		mg/Kg	✧	10/23/23 10:30	10/23/23 19:59	1
Toluene	<0.0056		0.0056		mg/Kg	✧	10/23/23 10:30	10/23/23 19:59	1
Xylenes, Total	<0.011		0.011		mg/Kg	✧	10/23/23 10:30	10/23/23 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130	10/23/23 10:30	10/23/23 19:59	1
Dibromofluoromethane	115		77 - 127	10/23/23 10:30	10/23/23 19:59	1
Toluene-d8 (Surr)	97		76 - 127	10/23/23 10:30	10/23/23 19:59	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.4		5.4		mg/Kg	✧	10/20/23 10:53	10/20/23 16:52	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	10/20/23 10:53	10/20/23 16:52	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.4		5.4		mg/Kg	✧	10/20/23 13:43	10/25/23 09:23	1
Oil Range Organics (ORO)	<5.4		5.4		mg/Kg	✧	10/20/23 13:43	10/25/23 09:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	115		27 - 150	10/20/23 13:43	10/25/23 09:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21		mg/Kg	✧		10/23/23 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	93.9		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	6.1		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8

Date Collected: 10/13/23 13:07

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0055		0.0055		mg/Kg	☆	10/24/23 12:58	10/24/23 14:09	1
Ethylbenzene	<0.0055		0.0055		mg/Kg	☆	10/24/23 12:58	10/24/23 14:09	1
Toluene	<0.0055		0.0055		mg/Kg	☆	10/24/23 12:58	10/24/23 14:09	1
Xylenes, Total	<0.011		0.011		mg/Kg	☆	10/24/23 12:58	10/24/23 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		67 - 130	10/24/23 12:58	10/24/23 14:09	1
Dibromofluoromethane	109		77 - 127	10/24/23 12:58	10/24/23 14:09	1
Toluene-d8 (Surr)	97		76 - 127	10/24/23 12:58	10/24/23 14:09	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.7		5.7		mg/Kg	☆	10/20/23 10:53	10/20/23 19:47	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/20/23 10:53	10/20/23 19:47	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.5		5.5		mg/Kg	☆	10/20/23 13:43	10/25/23 09:40	1
Oil Range Organics (ORO)	7.7		5.5		mg/Kg	☆	10/20/23 13:43	10/25/23 09:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		27 - 150	10/20/23 13:43	10/25/23 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42		22		mg/Kg	☆		10/23/23 18:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.5		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	10.5		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-22 74'

Lab Sample ID: 400-245243-9

Date Collected: 10/13/23 14:15

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0057		0.0057		mg/Kg	✧	10/24/23 13:00	10/24/23 16:14	1
Ethylbenzene	<0.0057		0.0057		mg/Kg	✧	10/24/23 13:00	10/24/23 16:14	1
Toluene	<0.0057		0.0057		mg/Kg	✧	10/24/23 13:00	10/24/23 16:14	1
Xylenes, Total	<0.011		0.011		mg/Kg	✧	10/24/23 13:00	10/24/23 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/24/23 13:00	10/24/23 16:14	1
Dibromofluoromethane	107		77 - 127	10/24/23 13:00	10/24/23 16:14	1
Toluene-d8 (Surr)	100		76 - 127	10/24/23 13:00	10/24/23 16:14	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<6.7		6.7		mg/Kg	✧	10/20/23 10:53	10/20/23 20:35	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/20/23 10:53	10/20/23 20:35	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.8		5.8		mg/Kg	✧	10/20/23 13:43	10/25/23 09:56	1
Oil Range Organics (ORO)	<5.8		5.8		mg/Kg	✧	10/20/23 13:43	10/25/23 09:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		27 - 150	10/20/23 13:43	10/25/23 09:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43		23		mg/Kg	✧		10/23/23 18:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.1		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	14.9		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 24'

Lab Sample ID: 400-245243-10

Date Collected: 10/12/23 10:39

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0051		0.0051		mg/Kg	✧	10/24/23 13:00	10/24/23 16:35	1
Ethylbenzene	<0.0051		0.0051		mg/Kg	✧	10/24/23 13:00	10/24/23 16:35	1
Toluene	<0.0051		0.0051		mg/Kg	✧	10/24/23 13:00	10/24/23 16:35	1
Xylenes, Total	<0.010		0.010		mg/Kg	✧	10/24/23 13:00	10/24/23 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	10/24/23 13:00	10/24/23 16:35	1
Dibromofluoromethane	106		77 - 127	10/24/23 13:00	10/24/23 16:35	1
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 16:35	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.6		5.6		mg/Kg	✧	10/20/23 10:53	10/20/23 21:01	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/20/23 10:53	10/20/23 21:01	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 10:13	1
Oil Range Organics (ORO)	<5.3		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 10:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		27 - 150	10/20/23 13:43	10/25/23 10:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		22		mg/Kg	✧		10/23/23 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	91.6		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	8.4		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 59'

Lab Sample ID: 400-245243-11

Date Collected: 10/12/23 12:40

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 16:56	1
Ethylbenzene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 16:56	1
Toluene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 16:56	1
Xylenes, Total	<0.011		0.011		mg/Kg	✧	10/24/23 13:00	10/24/23 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	84		67 - 130	10/24/23 13:00	10/24/23 16:56	1
Dibromofluoromethane	107		77 - 127	10/24/23 13:00	10/24/23 16:56	1
Toluene-d8 (Surr)	98		76 - 127	10/24/23 13:00	10/24/23 16:56	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.9		5.9		mg/Kg	✧	10/20/23 10:53	10/20/23 21:27	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/20/23 10:53	10/20/23 21:27	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.6		5.6		mg/Kg	✧	10/20/23 13:43	10/25/23 10:29	1
Oil Range Organics (ORO)	<5.6		5.6		mg/Kg	✧	10/20/23 13:43	10/25/23 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	111		27 - 150	10/20/23 13:43	10/25/23 10:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<37		37		mg/Kg	✧		10/23/23 19:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.0		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	12.0		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 74'

Lab Sample ID: 400-245243-12

Date Collected: 10/12/23 13:20

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.33		0.33		mg/Kg	☆	10/24/23 13:00	10/24/23 20:04	50
Ethylbenzene	<0.33		0.33		mg/Kg	☆	10/24/23 13:00	10/24/23 20:04	50
Toluene	2.0		0.33		mg/Kg	☆	10/24/23 13:00	10/24/23 20:04	50
Xylenes, Total	2.2		0.66		mg/Kg	☆	10/24/23 13:00	10/24/23 20:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/24/23 13:00	10/24/23 20:04	50
Dibromofluoromethane	103		77 - 127	10/24/23 13:00	10/24/23 20:04	50
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 20:04	50

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	27		6.6		mg/Kg	☆	10/19/23 13:06	10/19/23 21:10	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	10/19/23 13:06	10/19/23 21:10	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.7		5.7		mg/Kg	☆	10/20/23 13:43	10/25/23 10:46	1
Oil Range Organics (ORO)	<5.7		5.7		mg/Kg	☆	10/20/23 13:43	10/25/23 10:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	105		27 - 150	10/20/23 13:43	10/25/23 10:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<23		23		mg/Kg	☆		10/23/23 19:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.5		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	15.5		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-2 14'

Lab Sample ID: 400-245243-13

Date Collected: 10/14/23 07:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0048		0.0048		mg/Kg	☆	10/24/23 13:00	10/24/23 17:17	1
Ethylbenzene	<0.0048		0.0048		mg/Kg	☆	10/24/23 13:00	10/24/23 17:17	1
Toluene	<0.0048		0.0048		mg/Kg	☆	10/24/23 13:00	10/24/23 17:17	1
Xylenes, Total	<0.0096		0.0096		mg/Kg	☆	10/24/23 13:00	10/24/23 17:17	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130				10/24/23 13:00	10/24/23 17:17	1
Dibromofluoromethane	107		77 - 127				10/24/23 13:00	10/24/23 17:17	1
Toluene-d8 (Surr)	98		76 - 127				10/24/23 13:00	10/24/23 17:17	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.2		5.2		mg/Kg	☆	10/20/23 10:53	10/20/23 21:54	50

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125				10/20/23 10:53	10/20/23 21:54	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.2		5.2		mg/Kg	☆	10/20/23 13:43	10/25/23 11:03	1
Oil Range Organics (ORO)	<5.2		5.2		mg/Kg	☆	10/20/23 13:43	10/25/23 11:03	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	119		27 - 150				10/20/23 13:43	10/25/23 11:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21		mg/Kg	☆		10/23/23 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	94.6		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	5.4		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-2 38'

Lab Sample ID: 400-245243-14

Date Collected: 10/14/23 09:09

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0052		0.0052		mg/Kg	✱	10/24/23 13:00	10/24/23 17:38	1
Ethylbenzene	<0.0052		0.0052		mg/Kg	✱	10/24/23 13:00	10/24/23 17:38	1
Toluene	<0.0052		0.0052		mg/Kg	✱	10/24/23 13:00	10/24/23 17:38	1
Xylenes, Total	<0.010		0.010		mg/Kg	✱	10/24/23 13:00	10/24/23 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/24/23 13:00	10/24/23 17:38	1
Dibromofluoromethane	108		77 - 127	10/24/23 13:00	10/24/23 17:38	1
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 17:38	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.6		5.6		mg/Kg	✱	10/19/23 13:06	10/19/23 21:36	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	10/19/23 13:06	10/19/23 21:36	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.4		5.4		mg/Kg	✱	10/20/23 13:43	10/25/23 11:19	1
Oil Range Organics (ORO)	<5.4		5.4		mg/Kg	✱	10/20/23 13:43	10/25/23 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	100		27 - 150	10/20/23 13:43	10/25/23 11:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29		22		mg/Kg	✱		10/23/23 19:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	91.3		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	8.8		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-2 55'

Lab Sample ID: 400-245243-15

Date Collected: 10/14/23 09:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 17:59	1
Ethylbenzene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 17:59	1
Toluene	<0.0054		0.0054		mg/Kg	✧	10/24/23 13:00	10/24/23 17:59	1
Xylenes, Total	<0.011		0.011		mg/Kg	✧	10/24/23 13:00	10/24/23 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/24/23 13:00	10/24/23 17:59	1
Dibromofluoromethane	107		77 - 127	10/24/23 13:00	10/24/23 17:59	1
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 17:59	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<6.0		6.0		mg/Kg	✧	10/20/23 10:53	10/20/23 22:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	95		65 - 125	10/20/23 10:53	10/20/23 22:20	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.5		5.5		mg/Kg	✧	10/20/23 13:43	10/25/23 11:36	1
Oil Range Organics (ORO)	<5.5		5.5		mg/Kg	✧	10/20/23 13:43	10/25/23 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	105		27 - 150	10/20/23 13:43	10/25/23 11:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44		22		mg/Kg	✧		10/23/23 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.3		0.01		%			10/24/23 14:11	1
Percent Moisture (EPA Moisture)	10.7		0.01		%			10/24/23 14:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-2 74'

Lab Sample ID: 400-245243-16

Date Collected: 10/14/23 10:53

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.7		3.2		mg/Kg	☆	10/24/23 13:00	10/24/23 20:45	500
Ethylbenzene	6.6		3.2		mg/Kg	☆	10/24/23 13:00	10/24/23 20:45	500
Toluene	56		3.2		mg/Kg	☆	10/24/23 13:00	10/24/23 20:45	500
Xylenes, Total	70		6.4		mg/Kg	☆	10/24/23 13:00	10/24/23 20:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/24/23 13:00	10/24/23 20:45	500
Dibromofluoromethane	104		77 - 127	10/24/23 13:00	10/24/23 20:45	500
Toluene-d8 (Surr)	105		76 - 127	10/24/23 13:00	10/24/23 20:45	500

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	3700		130		mg/Kg	☆	10/20/23 10:53	10/20/23 14:26	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	105		65 - 125	10/20/23 10:53	10/20/23 14:26	1000

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	110		5.9		mg/Kg	☆	10/20/23 13:43	10/25/23 11:52	1
Oil Range Organics (ORO)	<5.9		5.9		mg/Kg	☆	10/20/23 13:43	10/25/23 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	114		27 - 150	10/20/23 13:43	10/25/23 11:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30		24		mg/Kg	☆		10/23/23 20:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.8		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	16.2		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 18'

Lab Sample ID: 400-245243-17

Date Collected: 10/13/23 08:06

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0049		0.0049		mg/Kg	✧	10/24/23 13:00	10/24/23 18:20	1
Ethylbenzene	<0.0049		0.0049		mg/Kg	✧	10/24/23 13:00	10/24/23 18:20	1
Toluene	<0.0049		0.0049		mg/Kg	✧	10/24/23 13:00	10/24/23 18:20	1
Xylenes, Total	<0.0098		0.0098		mg/Kg	✧	10/24/23 13:00	10/24/23 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/24/23 13:00	10/24/23 18:20	1
Dibromofluoromethane	111		77 - 127	10/24/23 13:00	10/24/23 18:20	1
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 18:20	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.3		5.3		mg/Kg	✧	10/20/23 10:53	10/20/23 22:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/20/23 10:53	10/20/23 22:46	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 12:25	1
Oil Range Organics (ORO)	6.0		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	117		27 - 150	10/20/23 13:43	10/25/23 12:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21		mg/Kg	✧		10/23/23 20:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	93.2		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	6.8		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 47'

Lab Sample ID: 400-245243-18

Date Collected: 10/13/23 09:13

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0052		0.0052		mg/Kg	✧	10/24/23 13:00	10/24/23 18:40	1
Ethylbenzene	<0.0052		0.0052		mg/Kg	✧	10/24/23 13:00	10/24/23 18:40	1
Toluene	<0.0052		0.0052		mg/Kg	✧	10/24/23 13:00	10/24/23 18:40	1
Xylenes, Total	<0.010		0.010		mg/Kg	✧	10/24/23 13:00	10/24/23 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/24/23 13:00	10/24/23 18:40	1
Dibromofluoromethane	106		77 - 127	10/24/23 13:00	10/24/23 18:40	1
Toluene-d8 (Surr)	98		76 - 127	10/24/23 13:00	10/24/23 18:40	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.5		5.5		mg/Kg	✧	10/19/23 13:06	10/19/23 22:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/19/23 13:06	10/19/23 22:04	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 13:17	1
Oil Range Organics (ORO)	<5.3		5.3		mg/Kg	✧	10/20/23 13:43	10/25/23 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		27 - 150	10/20/23 13:43	10/25/23 13:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		21		mg/Kg	✧		10/23/23 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	91.5		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	8.6		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 56'

Lab Sample ID: 400-245243-19

Date Collected: 10/13/23 09:43

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0052		0.0052		mg/Kg	☆	10/24/23 13:00	10/24/23 19:01	1
Ethylbenzene	<0.0052		0.0052		mg/Kg	☆	10/24/23 13:00	10/24/23 19:01	1
Toluene	<0.0052		0.0052		mg/Kg	☆	10/24/23 13:00	10/24/23 19:01	1
Xylenes, Total	<0.010		0.010		mg/Kg	☆	10/24/23 13:00	10/24/23 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 - 130	10/24/23 13:00	10/24/23 19:01	1
Dibromofluoromethane	109		77 - 127	10/24/23 13:00	10/24/23 19:01	1
Toluene-d8 (Surr)	98		76 - 127	10/24/23 13:00	10/24/23 19:01	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.7		5.7		mg/Kg	☆	10/19/23 13:06	10/19/23 19:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/19/23 13:06	10/19/23 19:05	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	12		5.5		mg/Kg	☆	10/20/23 13:43	10/25/23 13:34	1
Oil Range Organics (ORO)	<5.5		5.5		mg/Kg	☆	10/20/23 13:43	10/25/23 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	98		27 - 150	10/20/23 13:43	10/25/23 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40		22		mg/Kg	☆		10/23/23 21:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	90.5		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	9.5		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 71'

Lab Sample ID: 400-245243-20

Date Collected: 10/13/23 10:44

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	31		6.8		mg/Kg	☆	10/24/23 13:00	10/24/23 21:06	1000
Ethylbenzene	35		6.8		mg/Kg	☆	10/24/23 13:00	10/24/23 21:06	1000
Toluene	280		6.8		mg/Kg	☆	10/24/23 13:00	10/24/23 21:06	1000
Xylenes, Total	430		14		mg/Kg	☆	10/24/23 13:00	10/24/23 21:06	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	84		67 - 130				10/24/23 13:00	10/24/23 21:06	1000
Dibromofluoromethane	103		77 - 127				10/24/23 13:00	10/24/23 21:06	1000
Toluene-d8 (Surr)	108		76 - 127				10/24/23 13:00	10/24/23 21:06	1000

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	15000		270		mg/Kg	☆	10/20/23 10:53	10/20/23 14:00	2000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	104		65 - 125				10/20/23 10:53	10/20/23 14:00	2000

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	770		6.1		mg/Kg	☆	10/20/23 13:43	10/25/23 13:50	1
Oil Range Organics (ORO)	<6.1		6.1		mg/Kg	☆	10/20/23 13:43	10/25/23 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		27 - 150				10/20/23 13:43	10/25/23 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		24		mg/Kg	☆		10/23/23 21:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.1		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	18.9		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 79'

Lab Sample ID: 400-245243-21

Date Collected: 10/13/23 11:03

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.28		0.28		mg/Kg	☆	10/24/23 13:00	10/24/23 20:25	50
Ethylbenzene	0.37		0.28		mg/Kg	☆	10/24/23 13:00	10/24/23 20:25	50
Toluene	0.81		0.28		mg/Kg	☆	10/24/23 13:00	10/24/23 20:25	50
Xylenes, Total	5.0		0.56		mg/Kg	☆	10/24/23 13:00	10/24/23 20:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130				10/24/23 13:00	10/24/23 20:25	50
Dibromofluoromethane	105		77 - 127				10/24/23 13:00	10/24/23 20:25	50
Toluene-d8 (Surr)	105		76 - 127				10/24/23 13:00	10/24/23 20:25	50

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	330		22		mg/Kg	☆	10/19/23 13:06	10/20/23 00:44	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	93		65 - 125				10/19/23 13:06	10/20/23 00:44	200

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	45		5.3		mg/Kg	☆	10/20/23 23:52	10/25/23 02:16	1
Oil Range Organics (ORO)	<5.3		5.3		mg/Kg	☆	10/20/23 23:52	10/25/23 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	115		27 - 150				10/20/23 23:52	10/25/23 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36		22		mg/Kg	☆		10/23/23 21:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	90.6		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	9.4		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 16'

Lab Sample ID: 400-245243-22

Date Collected: 10/14/23 15:14

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0048		0.0048		mg/Kg	✧	10/24/23 13:00	10/24/23 19:22	1
Ethylbenzene	<0.0048		0.0048		mg/Kg	✧	10/24/23 13:00	10/24/23 19:22	1
Toluene	<0.0048		0.0048		mg/Kg	✧	10/24/23 13:00	10/24/23 19:22	1
Xylenes, Total	<0.0096		0.0096		mg/Kg	✧	10/24/23 13:00	10/24/23 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		67 - 130	10/24/23 13:00	10/24/23 19:22	1
Dibromofluoromethane	110		77 - 127	10/24/23 13:00	10/24/23 19:22	1
Toluene-d8 (Surr)	98		76 - 127	10/24/23 13:00	10/24/23 19:22	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.0		5.0		mg/Kg	✧	10/20/23 10:53	10/20/23 23:13	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	94		65 - 125	10/20/23 10:53	10/20/23 23:13	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.2		5.2		mg/Kg	✧	10/20/23 23:52	10/25/23 03:05	1
Oil Range Organics (ORO)	<5.2		5.2		mg/Kg	✧	10/20/23 23:52	10/25/23 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	127		27 - 150	10/20/23 23:52	10/25/23 03:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21		mg/Kg	✧		10/23/23 21:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.7		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	3.3		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 39'

Lab Sample ID: 400-245243-23

Date Collected: 10/14/23 15:43

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0053		0.0053		mg/Kg	✧	10/24/23 13:00	10/24/23 19:43	1
Ethylbenzene	<0.0053		0.0053		mg/Kg	✧	10/24/23 13:00	10/24/23 19:43	1
Toluene	<0.0053		0.0053		mg/Kg	✧	10/24/23 13:00	10/24/23 19:43	1
Xylenes, Total	<0.011		0.011		mg/Kg	✧	10/24/23 13:00	10/24/23 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/24/23 13:00	10/24/23 19:43	1
Dibromofluoromethane	107		77 - 127	10/24/23 13:00	10/24/23 19:43	1
Toluene-d8 (Surr)	99		76 - 127	10/24/23 13:00	10/24/23 19:43	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.2		5.2		mg/Kg	✧	10/19/23 13:06	10/19/23 22:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/19/23 13:06	10/19/23 22:31	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.2		5.2		mg/Kg	✧	10/20/23 23:52	10/25/23 03:22	1
Oil Range Organics (ORO)	<5.2		5.2		mg/Kg	✧	10/20/23 23:52	10/25/23 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	135		27 - 150	10/20/23 23:52	10/25/23 03:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31		21		mg/Kg	✧		10/23/23 22:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	93.8		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	6.2		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 52'

Lab Sample ID: 400-245243-24

Date Collected: 10/14/23 16:12

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0056		0.0056		mg/Kg	☆	10/25/23 10:10	10/25/23 18:43	1
Ethylbenzene	<0.0056		0.0056		mg/Kg	☆	10/25/23 10:10	10/25/23 18:43	1
Toluene	<0.0056		0.0056		mg/Kg	☆	10/25/23 10:10	10/25/23 18:43	1
Xylenes, Total	<0.011		0.011		mg/Kg	☆	10/25/23 10:10	10/25/23 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/25/23 10:10	10/25/23 18:43	1
Dibromofluoromethane	104		77 - 127	10/25/23 10:10	10/25/23 18:43	1
Toluene-d8 (Surr)	101		76 - 127	10/25/23 10:10	10/25/23 18:43	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<6.4		6.4		mg/Kg	☆	10/20/23 10:53	10/20/23 23:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	10/20/23 10:53	10/20/23 23:39	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.7		5.7		mg/Kg	☆	10/20/23 23:52	10/25/23 03:38	1
Oil Range Organics (ORO)	<5.7		5.7		mg/Kg	☆	10/20/23 23:52	10/25/23 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	112		27 - 150	10/20/23 23:52	10/25/23 03:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		22		mg/Kg	☆		10/23/23 22:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.5		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	13.5		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 72'

Lab Sample ID: 400-245243-25

Date Collected: 10/14/23 16:55

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.31		0.31		mg/Kg	☆	10/25/23 10:10	10/25/23 19:25	50
Ethylbenzene	0.33		0.31		mg/Kg	☆	10/25/23 10:10	10/25/23 19:25	50
Toluene	<0.31		0.31		mg/Kg	☆	10/25/23 10:10	10/25/23 19:25	50
Xylenes, Total	3.9		0.63		mg/Kg	☆	10/25/23 10:10	10/25/23 19:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 - 130				10/25/23 10:10	10/25/23 19:25	50
Dibromofluoromethane	97		77 - 127				10/25/23 10:10	10/25/23 19:25	50
Toluene-d8 (Surr)	106		76 - 127				10/25/23 10:10	10/25/23 19:25	50

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	110		13		mg/Kg	☆	10/19/23 13:06	10/19/23 23:23	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	109		65 - 125				10/19/23 13:06	10/19/23 23:23	100

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	46		5.8		mg/Kg	☆	10/20/23 23:52	10/25/23 03:54	1
Oil Range Organics (ORO)	<5.8		5.8		mg/Kg	☆	10/20/23 23:52	10/25/23 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	125		27 - 150				10/20/23 23:52	10/25/23 03:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		23		mg/Kg	☆		10/23/23 22:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.4		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	14.6		0.01		%			10/24/23 13:26	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 27'

Lab Sample ID: 400-245243-26

Date Collected: 10/14/23 11:33

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0048		0.0048		mg/Kg	☼	10/25/23 10:10	10/25/23 19:04	1
Ethylbenzene	<0.0048		0.0048		mg/Kg	☼	10/25/23 10:10	10/25/23 19:04	1
Toluene	<0.0048		0.0048		mg/Kg	☼	10/25/23 10:10	10/25/23 19:04	1
Xylenes, Total	<0.0097		0.0097		mg/Kg	☼	10/25/23 10:10	10/25/23 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130	10/25/23 10:10	10/25/23 19:04	1
Dibromofluoromethane	105		77 - 127	10/25/23 10:10	10/25/23 19:04	1
Toluene-d8 (Surr)	102		76 - 127	10/25/23 10:10	10/25/23 19:04	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.1		5.1		mg/Kg	☼	10/20/23 10:53	10/21/23 00:58	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/20/23 10:53	10/21/23 00:58	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.2		5.2		mg/Kg	☼	10/20/23 23:52	10/25/23 04:27	1
Oil Range Organics (ORO)	<5.2		5.2		mg/Kg	☼	10/20/23 23:52	10/25/23 04:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	119		27 - 150	10/20/23 23:52	10/25/23 04:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21		mg/Kg	☼		10/23/23 22:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	94.9		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	5.1		0.01		%			10/24/23 13:26	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 41'

Lab Sample ID: 400-245243-27

Date Collected: 10/14/23 12:00

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0052		0.0052		mg/Kg	✱	10/26/23 09:10	10/26/23 13:01	1
Ethylbenzene	<0.0052		0.0052		mg/Kg	✱	10/26/23 09:10	10/26/23 13:01	1
Toluene	<0.0052		0.0052		mg/Kg	✱	10/26/23 09:10	10/26/23 13:01	1
Xylenes, Total	<0.010		0.010		mg/Kg	✱	10/26/23 09:10	10/26/23 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	10/26/23 09:10	10/26/23 13:01	1
Dibromofluoromethane	105		77 - 127	10/26/23 09:10	10/26/23 13:01	1
Toluene-d8 (Surr)	102		76 - 127	10/26/23 09:10	10/26/23 13:01	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.3		5.3		mg/Kg	✱	10/20/23 10:53	10/21/23 01:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	95		65 - 125	10/20/23 10:53	10/21/23 01:24	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3		mg/Kg	✱	10/20/23 23:52	10/25/23 04:43	1
Oil Range Organics (ORO)	<5.3		5.3		mg/Kg	✱	10/20/23 23:52	10/25/23 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	122		27 - 150	10/20/23 23:52	10/25/23 04:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26		21		mg/Kg	✱		10/23/23 22:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.8		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	7.2		0.01		%			10/24/23 13:26	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 64'

Lab Sample ID: 400-245243-28

Date Collected: 10/14/23 12:32

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0053		0.0053		mg/Kg	☆	10/26/23 09:10	10/26/23 13:22	1
Ethylbenzene	<0.0053		0.0053		mg/Kg	☆	10/26/23 09:10	10/26/23 13:22	1
Toluene	<0.0053		0.0053		mg/Kg	☆	10/26/23 09:10	10/26/23 13:22	1
Xylenes, Total	<0.011		0.011		mg/Kg	☆	10/26/23 09:10	10/26/23 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/26/23 09:10	10/26/23 13:22	1
Dibromofluoromethane	105		77 - 127	10/26/23 09:10	10/26/23 13:22	1
Toluene-d8 (Surr)	102		76 - 127	10/26/23 09:10	10/26/23 13:22	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<5.6		5.6		mg/Kg	☆	10/23/23 10:24	10/23/23 12:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	94		65 - 125	10/23/23 10:24	10/23/23 12:43	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.5		5.5		mg/Kg	☆	10/20/23 23:52	10/25/23 05:00	1
Oil Range Organics (ORO)	<5.5		5.5		mg/Kg	☆	10/20/23 23:52	10/25/23 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	135		27 - 150	10/20/23 23:52	10/25/23 05:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		22		mg/Kg	☆		10/23/23 22:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	90.3		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	9.7		0.01		%			10/24/23 13:26	1

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 74'

Lab Sample ID: 400-245243-29

Date Collected: 10/14/23 12:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0064		0.0064		mg/Kg	☆	10/26/23 09:10	10/26/23 13:44	1
Ethylbenzene	<0.0064		0.0064		mg/Kg	☆	10/26/23 09:10	10/26/23 13:44	1
Toluene	<0.0064		0.0064		mg/Kg	☆	10/26/23 09:10	10/26/23 13:44	1
Xylenes, Total	0.022		0.013		mg/Kg	☆	10/26/23 09:10	10/26/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		67 - 130				10/26/23 09:10	10/26/23 13:44	1
Dibromofluoromethane	105		77 - 127				10/26/23 09:10	10/26/23 13:44	1
Toluene-d8 (Surr)	102		76 - 127				10/26/23 09:10	10/26/23 13:44	1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	12		6.3		mg/Kg	☆	10/19/23 13:06	10/19/23 22:57	50

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	101		65 - 125				10/19/23 13:06	10/19/23 22:57	50

Method: EPA 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.8		5.8		mg/Kg	☆	10/20/23 23:52	10/25/23 05:16	1
Oil Range Organics (ORO)	<5.8		5.8		mg/Kg	☆	10/20/23 23:52	10/25/23 05:16	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	126		27 - 150				10/20/23 23:52	10/25/23 05:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		23		mg/Kg	☆		10/23/23 22:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.9		0.01		%			10/24/23 13:26	1
Percent Moisture (EPA Moisture)	15.1		0.01		%			10/24/23 13:26	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 32'

Lab Sample ID: 400-245243-1

Date Collected: 10/10/23 18:22

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-20 32'

Lab Sample ID: 400-245243-1

Date Collected: 10/10/23 18:22

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.47 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 18:06	CH	EET PEN
Total/NA	Prep	5035			5.33 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 15:50	BJ	EET PEN
Total/NA	Prep	3546			15.33 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 07:28	MP	EET PEN
Soluble	Leach	DI Leach			2.527 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 17:44	JN	EET PEN

Client Sample ID: MW-20 52'

Lab Sample ID: 400-245243-2

Date Collected: 10/11/23 08:53

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-20 52'

Lab Sample ID: 400-245243-2

Date Collected: 10/11/23 08:53

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.68 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 18:28	CH	EET PEN
Total/NA	Prep	5035			5.40 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 16:17	BJ	EET PEN
Total/NA	Prep	3546			15.62 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 07:44	MP	EET PEN
Soluble	Leach	DI Leach			2.523 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 17:51	JN	EET PEN

Client Sample ID: MW-20 67'

Lab Sample ID: 400-245243-3

Date Collected: 10/11/23 09:32

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-20 67'

Lab Sample ID: 400-245243-3

Date Collected: 10/11/23 09:32

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.50 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 18:51	CH	EET PEN
Total/NA	Prep	5035			5.35 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 17:46	BJ	EET PEN
Total/NA	Prep	3546			15.36 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 08:01	MP	EET PEN
Soluble	Leach	DI Leach			2.557 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 17:59	JN	EET PEN

Client Sample ID: MW-21 32'

Lab Sample ID: 400-245243-4

Date Collected: 10/11/23 14:56

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-21 32'

Lab Sample ID: 400-245243-4

Date Collected: 10/11/23 14:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.73 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 19:14	CH	EET PEN
Total/NA	Prep	5035			5.34 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 13:07	BJ	EET PEN
Total/NA	Prep	3546			15.18 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 08:17	MP	EET PEN
Soluble	Leach	DI Leach			2.512 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:06	JN	EET PEN

Client Sample ID: MW-21 64'

Lab Sample ID: 400-245243-5

Date Collected: 10/11/23 15:45

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-21 64'

Lab Sample ID: 400-245243-5

Date Collected: 10/11/23 15:45

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 19:36	CH	EET PEN
Total/NA	Prep	5035			5.38 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 16:25	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-21 64'

Lab Sample ID: 400-245243-5

Date Collected: 10/11/23 15:45

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.20 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 08:34	MP	EET PEN
Soluble	Leach	DI Leach			2.566 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:29	JN	EET PEN

Client Sample ID: MW-21 69'

Lab Sample ID: 400-245243-6

Date Collected: 10/11/23 16:00

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-21 69'

Lab Sample ID: 400-245243-6

Date Collected: 10/11/23 16:00

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.46 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		50	5 mL	5 mL	646730	10/23/23 20:44	CH	EET PEN
Total/NA	Prep	5035			5.46 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 13:33	BJ	EET PEN
Total/NA	Prep	3546			15.31 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 08:50	MP	EET PEN
Soluble	Leach	DI Leach			2.584 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:36	JN	EET PEN

Client Sample ID: MW-22 11'

Lab Sample ID: 400-245243-7

Date Collected: 10/13/23 12:37

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-22 11'

Lab Sample ID: 400-245243-7

Date Collected: 10/13/23 12:37

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.75 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 19:59	CH	EET PEN
Total/NA	Prep	5035			5.26 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 16:52	BJ	EET PEN
Total/NA	Prep	3546			14.68 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 09:23	MP	EET PEN
Soluble	Leach	DI Leach			2.587 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:44	JN	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8

Date Collected: 10/13/23 13:07

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8

Date Collected: 10/13/23 13:07

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.10 g	5.00 g	646939	10/24/23 12:58	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 14:09	CH	EET PEN
Total/NA	Prep	5035			5.48 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 19:47	BJ	EET PEN
Total/NA	Prep	3546			15.15 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 09:40	MP	EET PEN
Soluble	Leach	DI Leach			2.555 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:51	JN	EET PEN

Client Sample ID: MW-22 74'

Lab Sample ID: 400-245243-9

Date Collected: 10/13/23 14:15

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-22 74'

Lab Sample ID: 400-245243-9

Date Collected: 10/13/23 14:15

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.14 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 16:14	CH	EET PEN
Total/NA	Prep	5035			5.08 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 20:35	BJ	EET PEN
Total/NA	Prep	3546			15.10 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 09:56	MP	EET PEN
Soluble	Leach	DI Leach			2.589 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 18:59	JN	EET PEN

Client Sample ID: MW-23 24'

Lab Sample ID: 400-245243-10

Date Collected: 10/12/23 10:39

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 24'
Date Collected: 10/12/23 10:39
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-10
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.36 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 16:35	CH	EET PEN
Total/NA	Prep	5035			5.36 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 21:01	BJ	EET PEN
Total/NA	Prep	3546			15.34 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 10:13	MP	EET PEN
Soluble	Leach	DI Leach			2.532 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:06	JN	EET PEN

Client Sample ID: MW-23 59'
Date Collected: 10/12/23 12:40
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-23 59'
Date Collected: 10/12/23 12:40
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-11
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.28 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 16:56	CH	EET PEN
Total/NA	Prep	5035			5.48 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 21:27	BJ	EET PEN
Total/NA	Prep	3546			15.20 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 10:29	MP	EET PEN
Soluble	Leach	DI Leach			1.543 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:14	JN	EET PEN

Client Sample ID: MW-23 74'
Date Collected: 10/12/23 13:20
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: MW-23 74'
Date Collected: 10/12/23 13:20
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-12
Matrix: Solid
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.21 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		50	5 mL	5 mL	646898	10/24/23 20:04	CH	EET PEN
Total/NA	Prep	5035			5.21 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 21:10	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-23 74'

Lab Sample ID: 400-245243-12

Date Collected: 10/12/23 13:20

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.54 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 10:46	MP	EET PEN
Soluble	Leach	DI Leach			2.574 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:21	JN	EET PEN

Client Sample ID: SB-2 14'

Lab Sample ID: 400-245243-13

Date Collected: 10/14/23 07:56

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: SB-2 14'

Lab Sample ID: 400-245243-13

Date Collected: 10/14/23 07:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.49 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 17:17	CH	EET PEN
Total/NA	Prep	5035			5.34 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 21:54	BJ	EET PEN
Total/NA	Prep	3546			15.17 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 11:03	MP	EET PEN
Soluble	Leach	DI Leach			2.509 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:29	JN	EET PEN

Client Sample ID: SB-2 38'

Lab Sample ID: 400-245243-14

Date Collected: 10/14/23 09:09

Matrix: Solid

Date Received: 10/18/23 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: SB-2 38'

Lab Sample ID: 400-245243-14

Date Collected: 10/14/23 09:09

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.31 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 17:38	CH	EET PEN
Total/NA	Prep	5035			5.38 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 21:36	BJ	EET PEN
Total/NA	Prep	3546			15.16 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 11:19	MP	EET PEN
Soluble	Leach	DI Leach			2.533 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:36	JN	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-2 55'

Date Collected: 10/14/23 09:56

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: SB-2 55'

Date Collected: 10/14/23 09:56

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-15

Matrix: Solid

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.18 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 17:59	CH	EET PEN
Total/NA	Prep	5035			5.17 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 22:20	BJ	EET PEN
Total/NA	Prep	3546			15.26 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 11:36	MP	EET PEN
Soluble	Leach	DI Leach			2.535 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 19:59	JN	EET PEN

Client Sample ID: SB-2 74'

Date Collected: 10/14/23 10:53

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-2 74'

Date Collected: 10/14/23 10:53

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-16

Matrix: Solid

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.47 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		500	5 mL	5 mL	646898	10/24/23 20:45	CH	EET PEN
Total/NA	Prep	5035			5.47 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		1000	5 mL	5 mL	646498	10/20/23 14:26	BJ	EET PEN
Total/NA	Prep	3546			15.16 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 11:52	MP	EET PEN
Soluble	Leach	DI Leach			2.526 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 20:07	JN	EET PEN

Client Sample ID: SB-3 18'

Date Collected: 10/13/23 08:06

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 18'
Date Collected: 10/13/23 08:06
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-17
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.47 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 18:20	CH	EET PEN
Total/NA	Prep	5035			5.42 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 22:46	BJ	EET PEN
Total/NA	Prep	3546			15.25 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 12:25	MP	EET PEN
Soluble	Leach	DI Leach			2.5 g	50 mL	646475	10/20/23 10:56	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 20:14	JN	EET PEN

Client Sample ID: SB-3 47'
Date Collected: 10/13/23 09:13
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-3 47'
Date Collected: 10/13/23 09:13
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-18
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.28 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 18:40	CH	EET PEN
Total/NA	Prep	5035			5.45 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 22:04	BJ	EET PEN
Total/NA	Prep	3546			15.39 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 13:17	MP	EET PEN
Soluble	Leach	DI Leach			2.548 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 20:59	JN	EET PEN

Client Sample ID: SB-3 56'
Date Collected: 10/13/23 09:43
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-3 56'
Date Collected: 10/13/23 09:43
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-19
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.33 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 19:01	CH	EET PEN
Total/NA	Prep	5035			5.37 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 19:05	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-3 56'

Date Collected: 10/13/23 09:43

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-19

Matrix: Solid

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.09 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 13:34	MP	EET PEN
Soluble	Leach	DI Leach			2.512 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:22	JN	EET PEN

Client Sample ID: SB-3 71'

Date Collected: 10/13/23 10:44

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-3 71'

Date Collected: 10/13/23 10:44

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-20

Matrix: Solid

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.43 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1000	5 mL	5 mL	646898	10/24/23 21:06	CH	EET PEN
Total/NA	Prep	5035			5.43 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		2000	5 mL	5 mL	646498	10/20/23 14:00	BJ	EET PEN
Total/NA	Prep	3546			15.08 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 13:50	MP	EET PEN
Soluble	Leach	DI Leach			2.528 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:29	JN	EET PEN

Client Sample ID: SB-3 79'

Date Collected: 10/13/23 11:03

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-3 79'

Date Collected: 10/13/23 11:03

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-21

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.46 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		50	5 mL	5 mL	646898	10/24/23 20:25	CH	EET PEN
Total/NA	Prep	5035			5.46 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		200	5 mL	5 mL	646300	10/20/23 00:44	BJ	EET PEN
Total/NA	Prep	3546			15.48 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 02:16	MP	EET PEN
Soluble	Leach	DI Leach			2.508 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:37	JN	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 16'

Date Collected: 10/14/23 15:14

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-4 16'

Date Collected: 10/14/23 15:14

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-22

Matrix: Solid

Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.38 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 19:22	CH	EET PEN
Total/NA	Prep	5035			5.38 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 23:13	BJ	EET PEN
Total/NA	Prep	3546			15.05 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 03:05	MP	EET PEN
Soluble	Leach	DI Leach			2.504 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:44	JN	EET PEN

Client Sample ID: SB-4 39'

Date Collected: 10/14/23 15:43

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-4 39'

Date Collected: 10/14/23 15:43

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-23

Matrix: Solid

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	646939	10/24/23 13:00	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 19:43	CH	EET PEN
Total/NA	Prep	5035			5.43 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 22:31	BJ	EET PEN
Total/NA	Prep	3546			15.42 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 03:22	MP	EET PEN
Soluble	Leach	DI Leach			2.577 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:07	JN	EET PEN

Client Sample ID: SB-4 52'

Date Collected: 10/14/23 16:12

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-4 52'

Date Collected: 10/14/23 16:12

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-24

Matrix: Solid

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.18 g	5.00 g	647111	10/25/23 10:10	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647086	10/25/23 18:43	KM	EET PEN
Total/NA	Prep	5035			5.13 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 23:39	BJ	EET PEN
Total/NA	Prep	3546			15.27 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 03:38	MP	EET PEN
Soluble	Leach	DI Leach			2.573 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:14	JN	EET PEN

Client Sample ID: SB-4 72'

Date Collected: 10/14/23 16:55

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-4 72'

Date Collected: 10/14/23 16:55

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-25

Matrix: Solid

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.42 g	5.00 g	647111	10/25/23 10:10	KM	EET PEN
Total/NA	Analysis	8260D		50	5 mL	5 mL	647086	10/25/23 19:25	KM	EET PEN
Total/NA	Prep	5035			5.42 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		100	5 mL	5 mL	646300	10/19/23 23:23	BJ	EET PEN
Total/NA	Prep	3546			15.11 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 03:54	MP	EET PEN
Soluble	Leach	DI Leach			2.575 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:22	JN	EET PEN

Client Sample ID: SB-5 27'

Date Collected: 10/14/23 11:33

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-5 27'

Date Collected: 10/14/23 11:33

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-26

Matrix: Solid

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.46 g	5.00 g	647111	10/25/23 10:10	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647086	10/25/23 19:04	KM	EET PEN
Total/NA	Prep	5035			5.46 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/21/23 00:58	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 27'

Date Collected: 10/14/23 11:33

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-26

Matrix: Solid

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.34 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 04:27	MP	EET PEN
Soluble	Leach	DI Leach			2.514 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:30	JN	EET PEN

Client Sample ID: SB-5 41'

Date Collected: 10/14/23 12:00

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-5 41'

Date Collected: 10/14/23 12:00

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-27

Matrix: Solid

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.15 g	5.00 g	647322	10/26/23 09:10	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647270	10/26/23 13:01	CH	EET PEN
Total/NA	Prep	5035			5.45 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/21/23 01:24	BJ	EET PEN
Total/NA	Prep	3546			15.19 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 04:43	MP	EET PEN
Soluble	Leach	DI Leach			2.577 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:37	JN	EET PEN

Client Sample ID: SB-5 64'

Date Collected: 10/14/23 12:32

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-5 64'

Date Collected: 10/14/23 12:32

Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-28

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.24 g	5.00 g	647322	10/26/23 09:10	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647270	10/26/23 13:22	CH	EET PEN
Total/NA	Prep	5035			5.49 g	5.00 g	646834	10/23/23 10:24	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646668	10/23/23 12:43	BJ	EET PEN
Total/NA	Prep	3546			15.06 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 05:00	MP	EET PEN
Soluble	Leach	DI Leach			2.532 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:45	JN	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 74'
Date Collected: 10/14/23 12:56
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

Client Sample ID: SB-5 74'
Date Collected: 10/14/23 12:56
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-29
Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.63 g	5.00 g	647322	10/26/23 09:10	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647270	10/26/23 13:44	CH	EET PEN
Total/NA	Prep	5035			5.46 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 22:57	BJ	EET PEN
Total/NA	Prep	3546			15.21 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 05:16	MP	EET PEN
Soluble	Leach	DI Leach			2.527 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 22:52	JN	EET PEN

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

Lab Sample ID: MB 400-646391/2-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646300	10/19/23 13:58	BJ	EET PEN

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

Lab Sample ID: MB 400-646475/1-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.533 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 16:59	JN	EET PEN

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

Lab Sample ID: MB 400-646491/1-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.528 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 20:37	JN	EET PEN

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646509/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	3546			15.00 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 06:05	MP	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646589/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	3546			15.00 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 01:11	MP	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646721/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 11:40	CH	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646795/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646498	10/20/23 12:40	BJ	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646834/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646834	10/23/23 10:24	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646668	10/23/23 11:18	BJ	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-646939/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646939	10/24/23 10:50	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 11:49	CH	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-647111/23-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	647111	10/25/23 10:10	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647086	10/25/23 11:15	KM	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-647322/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	647322	10/26/23 09:10	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647270	10/26/23 10:18	CH	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646391/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646300	10/19/23 13:32	BJ	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646475/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.518 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 17:06	JN	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646491/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.516 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 20:44	JN	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646509/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	3546			15.00 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 06:38	MP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646589/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	3546			15.00 g	1 mL	646589	10/20/23 23:52	JTC	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646952	10/25/23 01:43	MP	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646721/2-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646721	10/23/23 10:30	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646730	10/23/23 10:35	CH	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646795/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646498	10/20/23 11:19	BJ	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646834/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646834	10/23/23 10:24	BJ	EET PEN
Total/NA	Analysis	8015C		1	5 mL	5 mL	646668	10/23/23 10:50	BJ	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-646939/1-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	646939	10/24/23 10:50	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 10:54	CH	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-647111/24-A

Date Collected: N/A

Matrix: Solid

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	Prep	5035			5.00 g	5.00 g	647111	10/25/23 10:10	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647086	10/25/23 10:15	KM	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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

Lab Sample ID: LCS 400-647322/3-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	647322	10/26/23 09:10	CH	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	647270	10/26/23 09:14	CH	EET PEN

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

Lab Sample ID: LCSD 400-646475/3-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.546 g	50 mL	646475	10/20/23 10:53	JN	EET PEN
Soluble	Analysis	300.0		1			646765	10/23/23 17:14	JN	EET PEN

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

Lab Sample ID: LCSD 400-646491/3-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.565 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 20:52	JN	EET PEN

Client Sample ID: MW-20 32'
Date Collected: 10/10/23 18:22
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-1 MS
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.33 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 18:12	BJ	EET PEN
Total/NA	Prep	3546			15.10 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 06:54	MP	EET PEN

Client Sample ID: MW-20 32'
Date Collected: 10/10/23 18:22
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-1 MSD
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.33 g	5.00 g	646391	10/19/23 13:06	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646300	10/19/23 18:38	BJ	EET PEN
Total/NA	Prep	3546			15.08 g	1 mL	646509	10/20/23 13:43	LH	EET PEN
Total/NA	Analysis	8015C		1	1 mL	1 mL	646956	10/25/23 07:11	MP	EET PEN

Client Sample ID: MW-21 32'
Date Collected: 10/11/23 14:56
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-4 MS
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.34 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 15:32	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: MW-21 32'

Lab Sample ID: 400-245243-4 MSD

Date Collected: 10/11/23 14:56

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.34 g	5.00 g	646795	10/20/23 10:53	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646498	10/20/23 15:59	BJ	EET PEN

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8 MS

Date Collected: 10/13/23 13:07

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.06 g	5.00 g	646939	10/24/23 12:58	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 14:30	CH	EET PEN

Client Sample ID: MW-22 29'

Lab Sample ID: 400-245243-8 MSD

Date Collected: 10/13/23 13:07

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.09 g	5.00 g	646939	10/24/23 12:58	KM	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	646898	10/24/23 14:51	CH	EET PEN

Client Sample ID: SB-3 47'

Lab Sample ID: 400-245243-18 MS

Date Collected: 10/13/23 09:13

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.555 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:07	JN	EET PEN

Client Sample ID: SB-3 47'

Lab Sample ID: 400-245243-18 MSD

Date Collected: 10/13/23 09:13

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.591 g	50 mL	646491	10/20/23 11:36	JN	EET PEN
Soluble	Analysis	300.0		1			646773	10/23/23 21:14	JN	EET PEN

Client Sample ID: SB-5 64'

Lab Sample ID: 400-245243-28 MS

Date Collected: 10/14/23 12:32

Matrix: Solid

Date Received: 10/18/23 09:11

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.49 g	5.00 g	646834	10/23/23 10:24	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646668	10/23/23 13:35	BJ	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Client Sample ID: SB-5 64'
Date Collected: 10/14/23 12:32
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-28 MSD
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.49 g	5.00 g	646834	10/23/23 10:24	BJ	EET PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	646668	10/23/23 14:02	BJ	EET PEN

Client Sample ID: MW-20 32'
Date Collected: 10/10/23 18:22
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-1 DU
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646990	10/24/23 14:11	TMP	EET PEN

Client Sample ID: SB-2 74'
Date Collected: 10/14/23 10:53
Date Received: 10/18/23 09:11

Lab Sample ID: 400-245243-16 DU
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			646980	10/24/23 13:26	TMP	EET PEN

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

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC/MS VOA

Prep Batch: 646721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	5035	
400-245243-2	MW-20 52'	Total/NA	Solid	5035	
400-245243-3	MW-20 67'	Total/NA	Solid	5035	
400-245243-4	MW-21 32'	Total/NA	Solid	5035	
400-245243-5	MW-21 64'	Total/NA	Solid	5035	
400-245243-6	MW-21 69'	Total/NA	Solid	5035	
400-245243-7	MW-22 11'	Total/NA	Solid	5035	
MB 400-646721/1-A	Method Blank	Total/NA	Solid	5035	
LCS 400-646721/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 646730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	8260D	646721
400-245243-2	MW-20 52'	Total/NA	Solid	8260D	646721
400-245243-3	MW-20 67'	Total/NA	Solid	8260D	646721
400-245243-4	MW-21 32'	Total/NA	Solid	8260D	646721
400-245243-5	MW-21 64'	Total/NA	Solid	8260D	646721
400-245243-6	MW-21 69'	Total/NA	Solid	8260D	646721
400-245243-7	MW-22 11'	Total/NA	Solid	8260D	646721
MB 400-646721/1-A	Method Blank	Total/NA	Solid	8260D	646721
LCS 400-646721/2-A	Lab Control Sample	Total/NA	Solid	8260D	646721

Analysis Batch: 646898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-8	MW-22 29'	Total/NA	Solid	8260D	646939
400-245243-9	MW-22 74'	Total/NA	Solid	8260D	646939
400-245243-10	MW-23 24'	Total/NA	Solid	8260D	646939
400-245243-11	MW-23 59'	Total/NA	Solid	8260D	646939
400-245243-12	MW-23 74'	Total/NA	Solid	8260D	646939
400-245243-13	SB-2 14'	Total/NA	Solid	8260D	646939
400-245243-14	SB-2 38'	Total/NA	Solid	8260D	646939
400-245243-15	SB-2 55'	Total/NA	Solid	8260D	646939
400-245243-16	SB-2 74'	Total/NA	Solid	8260D	646939
400-245243-17	SB-3 18'	Total/NA	Solid	8260D	646939
400-245243-18	SB-3 47'	Total/NA	Solid	8260D	646939
400-245243-19	SB-3 56'	Total/NA	Solid	8260D	646939
400-245243-20	SB-3 71'	Total/NA	Solid	8260D	646939
400-245243-21	SB-3 79'	Total/NA	Solid	8260D	646939
400-245243-22	SB-4 16'	Total/NA	Solid	8260D	646939
400-245243-23	SB-4 39'	Total/NA	Solid	8260D	646939
MB 400-646939/2-A	Method Blank	Total/NA	Solid	8260D	646939
LCS 400-646939/1-A	Lab Control Sample	Total/NA	Solid	8260D	646939
400-245243-8 MS	MW-22 29'	Total/NA	Solid	8260D	646939
400-245243-8 MSD	MW-22 29'	Total/NA	Solid	8260D	646939

Prep Batch: 646939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-8	MW-22 29'	Total/NA	Solid	5035	
400-245243-9	MW-22 74'	Total/NA	Solid	5035	
400-245243-10	MW-23 24'	Total/NA	Solid	5035	
400-245243-11	MW-23 59'	Total/NA	Solid	5035	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC/MS VOA (Continued)

Prep Batch: 646939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-12	MW-23 74'	Total/NA	Solid	5035	
400-245243-13	SB-2 14'	Total/NA	Solid	5035	
400-245243-14	SB-2 38'	Total/NA	Solid	5035	
400-245243-15	SB-2 55'	Total/NA	Solid	5035	
400-245243-16	SB-2 74'	Total/NA	Solid	5035	
400-245243-17	SB-3 18'	Total/NA	Solid	5035	
400-245243-18	SB-3 47'	Total/NA	Solid	5035	
400-245243-19	SB-3 56'	Total/NA	Solid	5035	
400-245243-20	SB-3 71'	Total/NA	Solid	5035	
400-245243-21	SB-3 79'	Total/NA	Solid	5035	
400-245243-22	SB-4 16'	Total/NA	Solid	5035	
400-245243-23	SB-4 39'	Total/NA	Solid	5035	
MB 400-646939/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-646939/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-245243-8 MS	MW-22 29'	Total/NA	Solid	5035	
400-245243-8 MSD	MW-22 29'	Total/NA	Solid	5035	

Analysis Batch: 647086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-24	SB-4 52'	Total/NA	Solid	8260D	647111
400-245243-25	SB-4 72'	Total/NA	Solid	8260D	647111
400-245243-26	SB-5 27'	Total/NA	Solid	8260D	647111
MB 400-647111/23-A	Method Blank	Total/NA	Solid	8260D	647111
LCS 400-647111/24-A	Lab Control Sample	Total/NA	Solid	8260D	647111

Prep Batch: 647111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-24	SB-4 52'	Total/NA	Solid	5035	
400-245243-25	SB-4 72'	Total/NA	Solid	5035	
400-245243-26	SB-5 27'	Total/NA	Solid	5035	
MB 400-647111/23-A	Method Blank	Total/NA	Solid	5035	
LCS 400-647111/24-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 647270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-27	SB-5 41'	Total/NA	Solid	8260D	647322
400-245243-28	SB-5 64'	Total/NA	Solid	8260D	647322
400-245243-29	SB-5 74'	Total/NA	Solid	8260D	647322
MB 400-647322/2-A	Method Blank	Total/NA	Solid	8260D	647322
LCS 400-647322/3-A	Lab Control Sample	Total/NA	Solid	8260D	647322

Prep Batch: 647322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-27	SB-5 41'	Total/NA	Solid	5035	
400-245243-28	SB-5 64'	Total/NA	Solid	5035	
400-245243-29	SB-5 74'	Total/NA	Solid	5035	
MB 400-647322/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-647322/3-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC VOA

Analysis Batch: 646300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	8015C	646391
400-245243-2	MW-20 52'	Total/NA	Solid	8015C	646391
400-245243-3	MW-20 67'	Total/NA	Solid	8015C	646391
400-245243-12	MW-23 74'	Total/NA	Solid	8015C	646391
400-245243-14	SB-2 38'	Total/NA	Solid	8015C	646391
400-245243-18	SB-3 47'	Total/NA	Solid	8015C	646391
400-245243-19	SB-3 56'	Total/NA	Solid	8015C	646391
400-245243-21	SB-3 79'	Total/NA	Solid	8015C	646391
400-245243-23	SB-4 39'	Total/NA	Solid	8015C	646391
400-245243-25	SB-4 72'	Total/NA	Solid	8015C	646391
400-245243-29	SB-5 74'	Total/NA	Solid	8015C	646391
MB 400-646391/2-A	Method Blank	Total/NA	Solid	8015C	646391
LCS 400-646391/1-A	Lab Control Sample	Total/NA	Solid	8015C	646391
400-245243-1 MS	MW-20 32'	Total/NA	Solid	8015C	646391
400-245243-1 MSD	MW-20 32'	Total/NA	Solid	8015C	646391

Prep Batch: 646391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	5035	
400-245243-2	MW-20 52'	Total/NA	Solid	5035	
400-245243-3	MW-20 67'	Total/NA	Solid	5035	
400-245243-12	MW-23 74'	Total/NA	Solid	5035	
400-245243-14	SB-2 38'	Total/NA	Solid	5035	
400-245243-18	SB-3 47'	Total/NA	Solid	5035	
400-245243-19	SB-3 56'	Total/NA	Solid	5035	
400-245243-21	SB-3 79'	Total/NA	Solid	5035	
400-245243-23	SB-4 39'	Total/NA	Solid	5035	
400-245243-25	SB-4 72'	Total/NA	Solid	5035	
400-245243-29	SB-5 74'	Total/NA	Solid	5035	
MB 400-646391/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-646391/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-245243-1 MS	MW-20 32'	Total/NA	Solid	5035	
400-245243-1 MSD	MW-20 32'	Total/NA	Solid	5035	

Analysis Batch: 646498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-4	MW-21 32'	Total/NA	Solid	8015C	646795
400-245243-5	MW-21 64'	Total/NA	Solid	8015C	646795
400-245243-6	MW-21 69'	Total/NA	Solid	8015C	646795
400-245243-7	MW-22 11'	Total/NA	Solid	8015C	646795
400-245243-8	MW-22 29'	Total/NA	Solid	8015C	646795
400-245243-9	MW-22 74'	Total/NA	Solid	8015C	646795
400-245243-10	MW-23 24'	Total/NA	Solid	8015C	646795
400-245243-11	MW-23 59'	Total/NA	Solid	8015C	646795
400-245243-13	SB-2 14'	Total/NA	Solid	8015C	646795
400-245243-15	SB-2 55'	Total/NA	Solid	8015C	646795
400-245243-16	SB-2 74'	Total/NA	Solid	8015C	646795
400-245243-17	SB-3 18'	Total/NA	Solid	8015C	646795
400-245243-20	SB-3 71'	Total/NA	Solid	8015C	646795
400-245243-22	SB-4 16'	Total/NA	Solid	8015C	646795
400-245243-24	SB-4 52'	Total/NA	Solid	8015C	646795

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC VOA (Continued)

Analysis Batch: 646498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-26	SB-5 27'	Total/NA	Solid	8015C	646795
400-245243-27	SB-5 41'	Total/NA	Solid	8015C	646795
MB 400-646795/2-A	Method Blank	Total/NA	Solid	8015C	646795
LCS 400-646795/1-A	Lab Control Sample	Total/NA	Solid	8015C	646795
400-245243-4 MS	MW-21 32'	Total/NA	Solid	8015C	646795
400-245243-4 MSD	MW-21 32'	Total/NA	Solid	8015C	646795

Analysis Batch: 646668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-28	SB-5 64'	Total/NA	Solid	8015C	646834
MB 400-646834/2-A	Method Blank	Total/NA	Solid	8015C	646834
LCS 400-646834/1-A	Lab Control Sample	Total/NA	Solid	8015C	646834
400-245243-28 MS	SB-5 64'	Total/NA	Solid	8015C	646834
400-245243-28 MSD	SB-5 64'	Total/NA	Solid	8015C	646834

Prep Batch: 646795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-4	MW-21 32'	Total/NA	Solid	5035	
400-245243-5	MW-21 64'	Total/NA	Solid	5035	
400-245243-6	MW-21 69'	Total/NA	Solid	5035	
400-245243-7	MW-22 11'	Total/NA	Solid	5035	
400-245243-8	MW-22 29'	Total/NA	Solid	5035	
400-245243-9	MW-22 74'	Total/NA	Solid	5035	
400-245243-10	MW-23 24'	Total/NA	Solid	5035	
400-245243-11	MW-23 59'	Total/NA	Solid	5035	
400-245243-13	SB-2 14'	Total/NA	Solid	5035	
400-245243-15	SB-2 55'	Total/NA	Solid	5035	
400-245243-16	SB-2 74'	Total/NA	Solid	5035	
400-245243-17	SB-3 18'	Total/NA	Solid	5035	
400-245243-20	SB-3 71'	Total/NA	Solid	5035	
400-245243-22	SB-4 16'	Total/NA	Solid	5035	
400-245243-24	SB-4 52'	Total/NA	Solid	5035	
400-245243-26	SB-5 27'	Total/NA	Solid	5035	
400-245243-27	SB-5 41'	Total/NA	Solid	5035	
MB 400-646795/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-646795/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-245243-4 MS	MW-21 32'	Total/NA	Solid	5035	
400-245243-4 MSD	MW-21 32'	Total/NA	Solid	5035	

Prep Batch: 646834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-28	SB-5 64'	Total/NA	Solid	5035	
MB 400-646834/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-646834/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-245243-28 MS	SB-5 64'	Total/NA	Solid	5035	
400-245243-28 MSD	SB-5 64'	Total/NA	Solid	5035	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC Semi VOA

Prep Batch: 646509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	3546	
400-245243-2	MW-20 52'	Total/NA	Solid	3546	
400-245243-3	MW-20 67'	Total/NA	Solid	3546	
400-245243-4	MW-21 32'	Total/NA	Solid	3546	
400-245243-5	MW-21 64'	Total/NA	Solid	3546	
400-245243-6	MW-21 69'	Total/NA	Solid	3546	
400-245243-7	MW-22 11'	Total/NA	Solid	3546	
400-245243-8	MW-22 29'	Total/NA	Solid	3546	
400-245243-9	MW-22 74'	Total/NA	Solid	3546	
400-245243-10	MW-23 24'	Total/NA	Solid	3546	
400-245243-11	MW-23 59'	Total/NA	Solid	3546	
400-245243-12	MW-23 74'	Total/NA	Solid	3546	
400-245243-13	SB-2 14'	Total/NA	Solid	3546	
400-245243-14	SB-2 38'	Total/NA	Solid	3546	
400-245243-15	SB-2 55'	Total/NA	Solid	3546	
400-245243-16	SB-2 74'	Total/NA	Solid	3546	
400-245243-17	SB-3 18'	Total/NA	Solid	3546	
400-245243-18	SB-3 47'	Total/NA	Solid	3546	
400-245243-19	SB-3 56'	Total/NA	Solid	3546	
400-245243-20	SB-3 71'	Total/NA	Solid	3546	
MB 400-646509/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-646509/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-245243-1 MS	MW-20 32'	Total/NA	Solid	3546	
400-245243-1 MSD	MW-20 32'	Total/NA	Solid	3546	

Prep Batch: 646589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-21	SB-3 79'	Total/NA	Solid	3546	
400-245243-22	SB-4 16'	Total/NA	Solid	3546	
400-245243-23	SB-4 39'	Total/NA	Solid	3546	
400-245243-24	SB-4 52'	Total/NA	Solid	3546	
400-245243-25	SB-4 72'	Total/NA	Solid	3546	
400-245243-26	SB-5 27'	Total/NA	Solid	3546	
400-245243-27	SB-5 41'	Total/NA	Solid	3546	
400-245243-28	SB-5 64'	Total/NA	Solid	3546	
400-245243-29	SB-5 74'	Total/NA	Solid	3546	
MB 400-646589/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-646589/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 646952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-21	SB-3 79'	Total/NA	Solid	8015C	646589
400-245243-22	SB-4 16'	Total/NA	Solid	8015C	646589
400-245243-23	SB-4 39'	Total/NA	Solid	8015C	646589
400-245243-24	SB-4 52'	Total/NA	Solid	8015C	646589
400-245243-25	SB-4 72'	Total/NA	Solid	8015C	646589
400-245243-26	SB-5 27'	Total/NA	Solid	8015C	646589
400-245243-27	SB-5 41'	Total/NA	Solid	8015C	646589
400-245243-28	SB-5 64'	Total/NA	Solid	8015C	646589
400-245243-29	SB-5 74'	Total/NA	Solid	8015C	646589
MB 400-646589/1-A	Method Blank	Total/NA	Solid	8015C	646589

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

GC Semi VOA (Continued)

Analysis Batch: 646952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-646589/2-A	Lab Control Sample	Total/NA	Solid	8015C	646589

Analysis Batch: 646956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	8015C	646509
400-245243-2	MW-20 52'	Total/NA	Solid	8015C	646509
400-245243-3	MW-20 67'	Total/NA	Solid	8015C	646509
400-245243-4	MW-21 32'	Total/NA	Solid	8015C	646509
400-245243-5	MW-21 64'	Total/NA	Solid	8015C	646509
400-245243-6	MW-21 69'	Total/NA	Solid	8015C	646509
400-245243-7	MW-22 11'	Total/NA	Solid	8015C	646509
400-245243-8	MW-22 29'	Total/NA	Solid	8015C	646509
400-245243-9	MW-22 74'	Total/NA	Solid	8015C	646509
400-245243-10	MW-23 24'	Total/NA	Solid	8015C	646509
400-245243-11	MW-23 59'	Total/NA	Solid	8015C	646509
400-245243-12	MW-23 74'	Total/NA	Solid	8015C	646509
400-245243-13	SB-2 14'	Total/NA	Solid	8015C	646509
400-245243-14	SB-2 38'	Total/NA	Solid	8015C	646509
400-245243-15	SB-2 55'	Total/NA	Solid	8015C	646509
400-245243-16	SB-2 74'	Total/NA	Solid	8015C	646509
400-245243-17	SB-3 18'	Total/NA	Solid	8015C	646509
400-245243-18	SB-3 47'	Total/NA	Solid	8015C	646509
400-245243-19	SB-3 56'	Total/NA	Solid	8015C	646509
400-245243-20	SB-3 71'	Total/NA	Solid	8015C	646509
MB 400-646509/1-A	Method Blank	Total/NA	Solid	8015C	646509
LCS 400-646509/2-A	Lab Control Sample	Total/NA	Solid	8015C	646509
400-245243-1 MS	MW-20 32'	Total/NA	Solid	8015C	646509
400-245243-1 MSD	MW-20 32'	Total/NA	Solid	8015C	646509

HPLC/IC

Leach Batch: 646475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Soluble	Solid	DI Leach	
400-245243-2	MW-20 52'	Soluble	Solid	DI Leach	
400-245243-3	MW-20 67'	Soluble	Solid	DI Leach	
400-245243-4	MW-21 32'	Soluble	Solid	DI Leach	
400-245243-5	MW-21 64'	Soluble	Solid	DI Leach	
400-245243-6	MW-21 69'	Soluble	Solid	DI Leach	
400-245243-7	MW-22 11'	Soluble	Solid	DI Leach	
400-245243-8	MW-22 29'	Soluble	Solid	DI Leach	
400-245243-9	MW-22 74'	Soluble	Solid	DI Leach	
400-245243-10	MW-23 24'	Soluble	Solid	DI Leach	
400-245243-11	MW-23 59'	Soluble	Solid	DI Leach	
400-245243-12	MW-23 74'	Soluble	Solid	DI Leach	
400-245243-13	SB-2 14'	Soluble	Solid	DI Leach	
400-245243-14	SB-2 38'	Soluble	Solid	DI Leach	
400-245243-15	SB-2 55'	Soluble	Solid	DI Leach	
400-245243-16	SB-2 74'	Soluble	Solid	DI Leach	
400-245243-17	SB-3 18'	Soluble	Solid	DI Leach	
MB 400-646475/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

HPLC/IC (Continued)

Leach Batch: 646475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-646475/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-646475/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 646491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-18	SB-3 47'	Soluble	Solid	DI Leach	
400-245243-19	SB-3 56'	Soluble	Solid	DI Leach	
400-245243-20	SB-3 71'	Soluble	Solid	DI Leach	
400-245243-21	SB-3 79'	Soluble	Solid	DI Leach	
400-245243-22	SB-4 16'	Soluble	Solid	DI Leach	
400-245243-23	SB-4 39'	Soluble	Solid	DI Leach	
400-245243-24	SB-4 52'	Soluble	Solid	DI Leach	
400-245243-25	SB-4 72'	Soluble	Solid	DI Leach	
400-245243-26	SB-5 27'	Soluble	Solid	DI Leach	
400-245243-27	SB-5 41'	Soluble	Solid	DI Leach	
400-245243-28	SB-5 64'	Soluble	Solid	DI Leach	
400-245243-29	SB-5 74'	Soluble	Solid	DI Leach	
MB 400-646491/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-646491/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-646491/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
400-245243-18 MS	SB-3 47'	Soluble	Solid	DI Leach	
400-245243-18 MSD	SB-3 47'	Soluble	Solid	DI Leach	

Analysis Batch: 646765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Soluble	Solid	300.0	646475
400-245243-2	MW-20 52'	Soluble	Solid	300.0	646475
400-245243-3	MW-20 67'	Soluble	Solid	300.0	646475
400-245243-4	MW-21 32'	Soluble	Solid	300.0	646475
400-245243-5	MW-21 64'	Soluble	Solid	300.0	646475
400-245243-6	MW-21 69'	Soluble	Solid	300.0	646475
400-245243-7	MW-22 11'	Soluble	Solid	300.0	646475
400-245243-8	MW-22 29'	Soluble	Solid	300.0	646475
400-245243-9	MW-22 74'	Soluble	Solid	300.0	646475
400-245243-10	MW-23 24'	Soluble	Solid	300.0	646475
400-245243-11	MW-23 59'	Soluble	Solid	300.0	646475
400-245243-12	MW-23 74'	Soluble	Solid	300.0	646475
400-245243-13	SB-2 14'	Soluble	Solid	300.0	646475
400-245243-14	SB-2 38'	Soluble	Solid	300.0	646475
400-245243-15	SB-2 55'	Soluble	Solid	300.0	646475
400-245243-16	SB-2 74'	Soluble	Solid	300.0	646475
400-245243-17	SB-3 18'	Soluble	Solid	300.0	646475
MB 400-646475/1-A	Method Blank	Soluble	Solid	300.0	646475
LCS 400-646475/2-A	Lab Control Sample	Soluble	Solid	300.0	646475
LCSD 400-646475/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	646475

Analysis Batch: 646773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-18	SB-3 47'	Soluble	Solid	300.0	646491
400-245243-19	SB-3 56'	Soluble	Solid	300.0	646491
400-245243-20	SB-3 71'	Soluble	Solid	300.0	646491

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

HPLC/IC (Continued)

Analysis Batch: 646773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-21	SB-3 79'	Soluble	Solid	300.0	646491
400-245243-22	SB-4 16'	Soluble	Solid	300.0	646491
400-245243-23	SB-4 39'	Soluble	Solid	300.0	646491
400-245243-24	SB-4 52'	Soluble	Solid	300.0	646491
400-245243-25	SB-4 72'	Soluble	Solid	300.0	646491
400-245243-26	SB-5 27'	Soluble	Solid	300.0	646491
400-245243-27	SB-5 41'	Soluble	Solid	300.0	646491
400-245243-28	SB-5 64'	Soluble	Solid	300.0	646491
400-245243-29	SB-5 74'	Soluble	Solid	300.0	646491
MB 400-646491/1-A	Method Blank	Soluble	Solid	300.0	646491
LCS 400-646491/2-A	Lab Control Sample	Soluble	Solid	300.0	646491
LCSD 400-646491/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	646491
400-245243-18 MS	SB-3 47'	Soluble	Solid	300.0	646491
400-245243-18 MSD	SB-3 47'	Soluble	Solid	300.0	646491

General Chemistry

Analysis Batch: 646980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-16	SB-2 74'	Total/NA	Solid	Moisture	
400-245243-17	SB-3 18'	Total/NA	Solid	Moisture	
400-245243-18	SB-3 47'	Total/NA	Solid	Moisture	
400-245243-19	SB-3 56'	Total/NA	Solid	Moisture	
400-245243-20	SB-3 71'	Total/NA	Solid	Moisture	
400-245243-21	SB-3 79'	Total/NA	Solid	Moisture	
400-245243-22	SB-4 16'	Total/NA	Solid	Moisture	
400-245243-23	SB-4 39'	Total/NA	Solid	Moisture	
400-245243-24	SB-4 52'	Total/NA	Solid	Moisture	
400-245243-25	SB-4 72'	Total/NA	Solid	Moisture	
400-245243-26	SB-5 27'	Total/NA	Solid	Moisture	
400-245243-27	SB-5 41'	Total/NA	Solid	Moisture	
400-245243-28	SB-5 64'	Total/NA	Solid	Moisture	
400-245243-29	SB-5 74'	Total/NA	Solid	Moisture	
400-245243-16 DU	SB-2 74'	Total/NA	Solid	Moisture	

Analysis Batch: 646990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-1	MW-20 32'	Total/NA	Solid	Moisture	
400-245243-2	MW-20 52'	Total/NA	Solid	Moisture	
400-245243-3	MW-20 67'	Total/NA	Solid	Moisture	
400-245243-4	MW-21 32'	Total/NA	Solid	Moisture	
400-245243-5	MW-21 64'	Total/NA	Solid	Moisture	
400-245243-6	MW-21 69'	Total/NA	Solid	Moisture	
400-245243-7	MW-22 11'	Total/NA	Solid	Moisture	
400-245243-8	MW-22 29'	Total/NA	Solid	Moisture	
400-245243-9	MW-22 74'	Total/NA	Solid	Moisture	
400-245243-10	MW-23 24'	Total/NA	Solid	Moisture	
400-245243-11	MW-23 59'	Total/NA	Solid	Moisture	
400-245243-12	MW-23 74'	Total/NA	Solid	Moisture	
400-245243-13	SB-2 14'	Total/NA	Solid	Moisture	
400-245243-14	SB-2 38'	Total/NA	Solid	Moisture	

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QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

General Chemistry (Continued)

Analysis Batch: 646990 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-245243-15	SB-2 55'	Total/NA	Solid	Moisture	
400-245243-1 DU	MW-20 32'	Total/NA	Solid	Moisture	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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

Lab Sample ID: MB 400-646721/1-A

Matrix: Solid

Analysis Batch: 646730

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646721

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050		mg/Kg		10/23/23 10:30	10/23/23 11:40	1
Ethylbenzene	<0.0050		0.0050		mg/Kg		10/23/23 10:30	10/23/23 11:40	1
Toluene	<0.0050		0.0050		mg/Kg		10/23/23 10:30	10/23/23 11:40	1
Xylenes, Total	<0.010		0.010		mg/Kg		10/23/23 10:30	10/23/23 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130	10/23/23 10:30	10/23/23 11:40	1
Dibromofluoromethane	114		77 - 127	10/23/23 10:30	10/23/23 11:40	1
Toluene-d8 (Surr)	98		76 - 127	10/23/23 10:30	10/23/23 11:40	1

Lab Sample ID: LCS 400-646721/2-A

Matrix: Solid

Analysis Batch: 646730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0477		mg/Kg		95	65 - 130
Ethylbenzene	0.0500	0.0517		mg/Kg		103	70 - 130
Toluene	0.0500	0.0480		mg/Kg		96	70 - 130
Xylenes, Total	0.100	0.105		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.0500	0.0521		mg/Kg		104	70 - 130
o-Xylene	0.0500	0.0531		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
Dibromofluoromethane	106		77 - 127
Toluene-d8 (Surr)	100		76 - 127

Lab Sample ID: MB 400-646939/2-A

Matrix: Solid

Analysis Batch: 646898

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050		mg/Kg		10/24/23 10:50	10/24/23 11:49	1
Ethylbenzene	<0.0050		0.0050		mg/Kg		10/24/23 10:50	10/24/23 11:49	1
Toluene	<0.0050		0.0050		mg/Kg		10/24/23 10:50	10/24/23 11:49	1
Xylenes, Total	<0.010		0.010		mg/Kg		10/24/23 10:50	10/24/23 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	84		67 - 130	10/24/23 10:50	10/24/23 11:49	1
Dibromofluoromethane	111		77 - 127	10/24/23 10:50	10/24/23 11:49	1
Toluene-d8 (Surr)	102		76 - 127	10/24/23 10:50	10/24/23 11:49	1

Lab Sample ID: LCS 400-646939/1-A

Matrix: Solid

Analysis Batch: 646898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0492		mg/Kg		98	65 - 130

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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

Lab Sample ID: LCS 400-646939/1-A

Matrix: Solid

Analysis Batch: 646898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0500	0.0487		mg/Kg		97	70 - 130
Toluene	0.0500	0.0503		mg/Kg		101	70 - 130
Xylenes, Total	0.100	0.0923		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.0500	0.0459		mg/Kg		92	70 - 130
o-Xylene	0.0500	0.0465		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	83		67 - 130
Dibromofluoromethane	109		77 - 127
Toluene-d8 (Surr)	100		76 - 127

Lab Sample ID: 400-245243-8 MS

Matrix: Solid

Analysis Batch: 646898

Client Sample ID: MW-22 29'

Prep Type: Total/NA

Prep Batch: 646939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0055		0.0552	0.0520		mg/Kg	✖	94	38 - 131
Ethylbenzene	<0.0055		0.0552	0.0476		mg/Kg	✖	86	35 - 130
Toluene	<0.0055		0.0552	0.0504		mg/Kg	✖	91	42 - 130
Xylenes, Total	<0.011		0.110	0.0913		mg/Kg	✖	83	35 - 130
m-Xylene & p-Xylene	<0.0055		0.0552	0.0451		mg/Kg	✖	82	35 - 130
o-Xylene	<0.0055		0.0552	0.0462		mg/Kg	✖	84	35 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	82		67 - 130
Dibromofluoromethane	111		77 - 127
Toluene-d8 (Surr)	95		76 - 127

Lab Sample ID: 400-245243-8 MSD

Matrix: Solid

Analysis Batch: 646898

Client Sample ID: MW-22 29'

Prep Type: Total/NA

Prep Batch: 646939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.0055		0.0549	0.0522		mg/Kg	✖	95	38 - 131	1	30
Ethylbenzene	<0.0055		0.0549	0.0496		mg/Kg	✖	90	35 - 130	4	30
Toluene	<0.0055		0.0549	0.0513		mg/Kg	✖	93	42 - 130	2	30
Xylenes, Total	<0.011		0.110	0.0933		mg/Kg	✖	85	35 - 130	2	30
m-Xylene & p-Xylene	<0.0055		0.0549	0.0463		mg/Kg	✖	84	35 - 130	3	30
o-Xylene	<0.0055		0.0549	0.0470		mg/Kg	✖	86	35 - 130	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	84		67 - 130
Dibromofluoromethane	111		77 - 127
Toluene-d8 (Surr)	97		76 - 127

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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

Lab Sample ID: MB 400-647111/23-A

Matrix: Solid

Analysis Batch: 647086

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 647111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050		mg/Kg		10/25/23 10:10	10/25/23 11:15	1
Ethylbenzene	<0.0050		0.0050		mg/Kg		10/25/23 10:10	10/25/23 11:15	1
Toluene	<0.0050		0.0050		mg/Kg		10/25/23 10:10	10/25/23 11:15	1
Xylenes, Total	<0.010		0.010		mg/Kg		10/25/23 10:10	10/25/23 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	85		67 - 130	10/25/23 10:10	10/25/23 11:15	1
Dibromofluoromethane	108		77 - 127	10/25/23 10:10	10/25/23 11:15	1
Toluene-d8 (Surr)	101		76 - 127	10/25/23 10:10	10/25/23 11:15	1

Lab Sample ID: LCS 400-647111/24-A

Matrix: Solid

Analysis Batch: 647086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 647111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0508		mg/Kg		102	65 - 130
Ethylbenzene	0.0500	0.0543		mg/Kg		109	70 - 130
Toluene	0.0500	0.0556		mg/Kg		111	70 - 130
Xylenes, Total	0.100	0.105		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.0500	0.0525		mg/Kg		105	70 - 130
o-Xylene	0.0500	0.0527		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	84		67 - 130
Dibromofluoromethane	106		77 - 127
Toluene-d8 (Surr)	102		76 - 127

Lab Sample ID: MB 400-647322/2-A

Matrix: Solid

Analysis Batch: 647270

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 647322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050		mg/Kg		10/26/23 09:10	10/26/23 10:18	1
Ethylbenzene	<0.0050		0.0050		mg/Kg		10/26/23 09:10	10/26/23 10:18	1
Toluene	<0.0050		0.0050		mg/Kg		10/26/23 09:10	10/26/23 10:18	1
Xylenes, Total	<0.010		0.010		mg/Kg		10/26/23 09:10	10/26/23 10:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	10/26/23 09:10	10/26/23 10:18	1
Dibromofluoromethane	104		77 - 127	10/26/23 09:10	10/26/23 10:18	1
Toluene-d8 (Surr)	102		76 - 127	10/26/23 09:10	10/26/23 10:18	1

Lab Sample ID: LCS 400-647322/3-A

Matrix: Solid

Analysis Batch: 647270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 647322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0461		mg/Kg		92	65 - 130

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

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

Lab Sample ID: LCS 400-647322/3-A

Matrix: Solid

Analysis Batch: 647270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 647322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0500	0.0499		mg/Kg		100	70 - 130
Toluene	0.0500	0.0519		mg/Kg		104	70 - 130
Xylenes, Total	0.100	0.0962		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.0500	0.0477		mg/Kg		95	70 - 130
o-Xylene	0.0500	0.0485		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	86		67 - 130
Dibromofluoromethane	105		77 - 127
Toluene-d8 (Surr)	103		76 - 127

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Lab Sample ID: MB 400-646391/2-A

Matrix: Solid

Analysis Batch: 646300

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.10		0.10		mg/Kg		10/19/23 13:06	10/19/23 13:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	10/19/23 13:06	10/19/23 13:58	1

Lab Sample ID: LCS 400-646391/1-A

Matrix: Solid

Analysis Batch: 646300

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO) C6--C10	1.00	0.896		mg/Kg		90	62 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	99		65 - 125

Lab Sample ID: 400-245243-1 MS

Matrix: Solid

Analysis Batch: 646300

Client Sample ID: MW-20 32'

Prep Type: Total/NA

Prep Batch: 646391

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO) C6--C10	<5.0		50.4	45.7		mg/Kg	☆	91	10 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	98		65 - 125

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)
(Continued)

Lab Sample ID: 400-245243-1 MSD

Matrix: Solid

Analysis Batch: 646300

Client Sample ID: MW-20 32'

Prep Type: Total/NA

Prep Batch: 646391

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) C6--C10	<5.0		50.4	55.6		mg/Kg	☼	110	10 - 150	20	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
a,a,a-Trifluorotoluene (fid)	99		65 - 125								

Lab Sample ID: MB 400-646795/2-A

Matrix: Solid

Analysis Batch: 646498

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646795

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.10		0.10		mg/Kg		10/20/23 10:53	10/20/23 12:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
a,a,a-Trifluorotoluene (fid)	96		65 - 125						
							Prepared	Analyzed	Dil Fac
							10/20/23 10:53	10/20/23 12:40	1

Lab Sample ID: LCS 400-646795/1-A

Matrix: Solid

Analysis Batch: 646498

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646795

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO) C6--C10		1.00	0.845		mg/Kg		84	62 - 141
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
a,a,a-Trifluorotoluene (fid)	99		65 - 125					

Lab Sample ID: 400-245243-4 MS

Matrix: Solid

Analysis Batch: 646498

Client Sample ID: MW-21 32'

Prep Type: Total/NA

Prep Batch: 646795

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO) C6--C10	<5.9		59.0	46.8		mg/Kg	☼	79	10 - 150		
Surrogate	MS %Recovery	MS Qualifier	Limits								
a,a,a-Trifluorotoluene (fid)	96		65 - 125								

Lab Sample ID: 400-245243-4 MSD

Matrix: Solid

Analysis Batch: 646498

Client Sample ID: MW-21 32'

Prep Type: Total/NA

Prep Batch: 646795

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) C6--C10	<5.9		59.0	53.4		mg/Kg	☼	90	10 - 150	13	32

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)
(Continued)

Lab Sample ID: 400-245243-4 MSD

Matrix: Solid

Analysis Batch: 646498

Client Sample ID: MW-21 32'

Prep Type: Total/NA

Prep Batch: 646795

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	99		65 - 125

Lab Sample ID: MB 400-646834/2-A

Matrix: Solid

Analysis Batch: 646668

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646834

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)	<0.10		0.10		mg/Kg		10/23/23 10:24	10/23/23 11:18	1	
C6--C10										

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
a,a,a-Trifluorotoluene (fid)	97		65 - 125	10/23/23 10:24	10/23/23 11:18	1				

Lab Sample ID: LCS 400-646834/1-A

Matrix: Solid

Analysis Batch: 646668

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646834

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)			1.00	1.09		mg/Kg		109	62 - 141	
C6--C10										

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	96		65 - 125

Lab Sample ID: 400-245243-28 MS

Matrix: Solid

Analysis Batch: 646668

Client Sample ID: SB-5 64'

Prep Type: Total/NA

Prep Batch: 646834

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)	<5.6		55.8	66.5		mg/Kg	✧	119	10 - 150	
C6--C10										

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	98		65 - 125

Lab Sample ID: 400-245243-28 MSD

Matrix: Solid

Analysis Batch: 646668

Client Sample ID: SB-5 64'

Prep Type: Total/NA

Prep Batch: 646834

	Sample	Sample	Spike	MSD	MSD				%Rec	RPD	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)	<5.6		55.8	64.7		mg/Kg	✧	116	10 - 150	3	32
C6--C10											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	99		65 - 125

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method: 8015C - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-646509/1-A

Matrix: Solid

Analysis Batch: 646956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.0		5.0		mg/Kg		10/20/23 13:43	10/25/23 06:05	1
Oil Range Organics (ORO)	<5.0		5.0		mg/Kg		10/20/23 13:43	10/25/23 06:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	102		27 - 150				10/20/23 13:43	10/25/23 06:05	1

Lab Sample ID: LCS 400-646509/2-A

Matrix: Solid

Analysis Batch: 646956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics (DRO)	269	134		mg/Kg		50	38 - 116	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
o-Terphenyl	73		27 - 150					

Lab Sample ID: 400-245243-1 MS

Matrix: Solid

Analysis Batch: 646956

Client Sample ID: MW-20 32'

Prep Type: Total/NA

Prep Batch: 646509

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics (DRO)	<5.1		276	239		mg/Kg	✱	87	62 - 150	
Surrogate	MS %Recovery	MS Qualifier	Limits							
o-Terphenyl	119		27 - 150							

Lab Sample ID: 400-245243-1 MSD

Matrix: Solid

Analysis Batch: 646956

Client Sample ID: MW-20 32'

Prep Type: Total/NA

Prep Batch: 646509

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<5.1		277	221		mg/Kg	✱	80	62 - 150	8	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	114		27 - 150								

Lab Sample ID: MB 400-646589/1-A

Matrix: Solid

Analysis Batch: 646952

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.0		5.0		mg/Kg		10/20/23 23:52	10/25/23 01:11	1
Oil Range Organics (ORO)	<5.0		5.0		mg/Kg		10/20/23 23:52	10/25/23 01:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	121		27 - 150				10/20/23 23:52	10/25/23 01:11	1

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method: 8015C - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 400-646589/2-A

Matrix: Solid

Analysis Batch: 646952

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO)	269	285		mg/Kg		106	38 - 116
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	147		27 - 150				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-646475/1-A

Matrix: Solid

Analysis Batch: 646765

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20		mg/Kg			10/23/23 16:59	1

Lab Sample ID: LCS 400-646475/2-A

Matrix: Solid

Analysis Batch: 646765

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	99.3	92.0		mg/Kg		93	80 - 120

Lab Sample ID: LCSD 400-646475/3-A

Matrix: Solid

Analysis Batch: 646765

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	98.2	92.8		mg/Kg		94	80 - 120	1	15

Lab Sample ID: MB 400-646491/1-A

Matrix: Solid

Analysis Batch: 646773

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20		mg/Kg			10/23/23 20:37	1

Lab Sample ID: LCS 400-646491/2-A

Matrix: Solid

Analysis Batch: 646773

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	99.4	97.7		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 400-646491/3-A

Matrix: Solid

Analysis Batch: 646773

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	97.5	96.5		mg/Kg		99	80 - 120	1	15

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QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: State Gas Com N#1

Job ID: 400-245243-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-245243-18 MS
Matrix: Solid
Analysis Batch: 646773

Client Sample ID: SB-3 47'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	21		107	124		mg/Kg	☼	96	80 - 120		

Lab Sample ID: 400-245243-18 MSD
Matrix: Solid
Analysis Batch: 646773

Client Sample ID: SB-3 47'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	21		106	125		mg/Kg	☼	98	80 - 120	0	15

Method: Moisture - Percent Moisture

Lab Sample ID: 400-245243-16 DU
Matrix: Solid
Analysis Batch: 646980

Client Sample ID: SB-2 74'
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Percent Solids	83.8		84.3		%			0.6	10
Percent Moisture	16.2		15.7		%			3	

Lab Sample ID: 400-245243-1 DU
Matrix: Solid
Analysis Batch: 646990

Client Sample ID: MW-20 32'
Prep Type: Total/NA

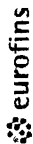
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Percent Solids	96.5		96.7		%			0.2	10
Percent Moisture	3.5		3.3		%			6	

Eurofins Pensacola

3355 McLemore Drive
Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

Environment Testing
America

400.123617-41780.1

Client Information		Lab PM: Whitmire, Cheyenne R	COC No: 400-245243 COC
Client Contact: Scott Stanley	Phone: 515-664-4603	E-Mail: Cheyenne.Whitmire@eurofins.com	Page: 1 of 3
Company: Stantec Consulting Services Inc	Address: 11311 Aurora Avenue	City: Des Moines	State: IA
State: IA	Zip: 50322-7904	Phone: 50322-7904	Job #: 400.123617-41780.1

Due Date Requested:		Analysis Requested	
TAT Requested (days): Standard		Preservation Codes:	
Compliance Project: Δ Yes Δ No		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Project Name: State Gas Com N#1		Special Instructions/Note:	
Site: State Gas Com N#1			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oli, BT=tissue, Ash)
MW-20 32.0'	10/10/23	1822	G	Solid
MW-20 52.0'	10/11/23	0853	G	Solid
MW-20 67.0'	10/11/23	0932	G	Solid
MW-21 32.0'	10/11/23	1456	G	Solid
MW-21 64.0'	10/11/23	1545	G	Solid
MW-21 69.0'	10/11/23	1600	G	Solid
MW-22 11.0'	10/13/23	1237	G	Solid
MW-22 29.0'	10/13/23	1307	G	Solid
MW-22 74.0'	10/13/23	1415	G	Solid
MW-23 24.0'	10/12/23	1039	G	Solid
MW-23 59.0'	10/12/23	1240	G	Solid

Possible Hazard Identification		Deliverable Requested: I, II, III, IV, Other (specify)	
☒ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B
☐ Unknown	☐ Radiological		

Empty Kit Relinquished by:		Date:	
Relinquished by: Scott Stanley	Date/Time: 10/17/23	1430	Company: Stantec
Relinquished by:	Date/Time:		Company:
Relinquished by:	Date/Time:		Company:
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:	

Eurofins Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

Environment Testing
America

400.123617-41780.3

Client Information Client Contact: <u>Steve Varsa</u> Company: <u>Stantec Consulting Services Inc</u> Address: <u>11311 Aurora Avenue</u> City: <u>Des Moines</u> State, Zip: <u>IA, 50322-7904</u> Phone: <u></u> Email: <u>scott.hansen@stantec.com</u> Project Name: <u>Johnston Fed 4 Soil State Gas Com N#1</u> Site: <u>State Gas Com N#1</u>		Lab PM: <u>Whitire, Cheyenne R</u> E-Mail: <u>Cheyenne.Whitire@et.eurofins.com</u> PWSID: <u></u>		Carrier Tracking No(s): <u></u> State of Origin: <u>New Mexico</u> Page: <u>Page 3 of 3</u> Job #: <u></u>		COC No: <u>400-114243-80274</u> Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: <u></u> M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) <u></u>	
Due Date Requested: <u></u> TAT Requested (days): <u>Standard</u> Compliance Project: <u>Δ Yes Δ No</u> PO #: <u></u> WO#: <u>WB1040021</u> Project #: <u>40015823</u> SSOW#: <u></u>		Analysis Requested 8015B_DRO - DRO, ORO 300_ORGFM_28D - Chloride 8015B_GRO_8260B Moisture		Special Instructions/Note: <u>Preservation: I</u>			
Sample Identification Sample ID: <u>SB-4 39.0'</u> Sample ID: <u>SB-4 52.0'</u> Sample ID: <u>SB-4 72.0'</u> Sample ID: <u>SB-5 27.0'</u> Sample ID: <u>SB-5 41.0'</u> Sample ID: <u>SB-5 64.0'</u> Sample ID: <u>SB-5 74.0'</u>		Sample Date: <u>10/14/23</u> Sample Time: <u>1543</u> Sample Type (C=Comp, G=grab): <u>G</u> Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air): <u>Solid</u>		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For <u>Months</u>			
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) <u></u>		Empty Kit Relinquished by: <u>Scott Stanley</u> Relinquished by: <u>Scott Stanley</u> Relinquished by: <u></u> Relinquished by: <u></u> Custody Seals Intact: <u>Δ Yes Δ No</u> Custody Seal No.: <u></u>		Method of Shipment: <u></u> Date: <u>10/17/23</u> Date/Time: <u>1430</u> Date/Time: <u></u> Date/Time: <u></u> Date/Time: <u>10.18.23 9:11</u> Cooler Temperature(s) °C and Other Remarks: <u></u>			

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-245243-1

Login Number: 245243

List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9°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").	N/A	
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: State Gas Com N#1

Job ID: 400-245243-1

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	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-24
West Virginia DEP	State	136	03-31-24

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

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

CONDITIONS

Action 325072

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID:
	7046
	Action Number: 325072
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Report for the State Gas Com #1 for El Paso Natural Gas: Content Satisfactory 1. Continue to conduct groundwater monitoring as planned and scheduled for 2024. 2. Sample for BTEX by EPA method 8260 in groundwater. In addition, continue to remove LNAPL where possible in site wells on a quarterly basis. 3. Soil Boring and monitoring well installation is set to commence on 10.31.2024. Pending soil analysis will dictate which groundwater well locations are to be installed. 4. North and west delineation has commenced and waiting on findings for recommendation for future remedial activities. 5. Submit the 2024 groundwater monitoring report by April 1, 2025.	10/31/2024