

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

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



2022 ANNUAL GROUNDWATER MONITORING REPORT

San Juan River Gas Plant
Kirtland, New Mexico

NMOCD Incident No. NAUTOFRM000157

Prepared for:

El Paso Natural Gas Company, LLC
1001 Louisiana Street
Houston, Texas 77002

Prepared by:

Stantec Consulting Services, Inc.
11311 Aurora Avenue
Des Moines, Iowa 50322

March 2023

2022 ANNUAL GROUNDWATER MONITORING REPORT

Table of Contents

ABBREVIATIONS	III
1.0 INTRODUCTION	1
2.0 SITE BACKGROUND	2
2.1 SITE DESCRIPTION	2
2.2 SITE HISTORY	2
2.3 GEOLOGY AND HYDROGEOLOGY	5
3.0 FIELD ACTIVITIES	7
3.1 DIRECT-PUSH INVESTIGATION ACTIVITIES	7
3.2 WELL INSTALLATION ACTIVITIES	7
3.3 DEPTH TO WATER MEASUREMENTS	8
3.4 LNAPL RECOVERY	8
3.5 GROUNDWATER SAMPLING	9
4.0 RESULTS AND DISCUSSION	11
4.1 SOIL SAMPLE RESULTS	11
4.2 GROUNDWATER ELEVATION AND GRADIENT	11
4.3 GROUNDWATER ANALYTICAL RESULTS	11
5.0 PLANNED FUTURE ACTIVITIES	14
6.0 REFERENCES	15

2022 ANNUAL GROUNDWATER MONITORING REPORT

LIST OF TABLES

Table 1 – Light Non-Aqueous Phase Liquid Recovery Summary

Table 2 – Summary of Soil Analytical Results

Table 3 – Groundwater Elevation Data Summary

Table 4 – Summary of BTEX and TPH Groundwater Analytical Results

Table 5 – Summary of Metals and Inorganics Groundwater Analytical Results

LIST OF FIGURES

Figure 1 – Site Location

Figure 2 – Site Plan

Figure 3 – Soil Exceedance Map

Figure 4a – Groundwater Elevation Map – May 17, 2022

Figure 4b – Groundwater Elevation Map – October 30, 2022

Figure 5a – Groundwater Analytical Results - BTEX Constituents - May 19, 2022

Figure 5b – Groundwater Analytical Results - BTEX Constituents - October 31 & November 1, 2022

Figure 6 – Groundwater Analytical Results - Dissolved Metals - October 31 & November 1, 2022

Figure 7 – Groundwater Analytical Results - Inorganics - October 31 & November 1, 2022

LIST OF APPENDICES

Appendix A – NMOCD Notification of Site Activities

Appendix B – Direct Push Soil Borehole Logs

Appendix C – Monitoring Well Logs and NMOSE Well Completion Forms

Appendix D – Wastewater Disposal Documentation

Appendix E – Soil Disposal Documentation

Appendix F – Laboratory Analytical Reports - Soil

Appendix G – Laboratory Analytical Reports - Groundwater

2022 ANNUAL GROUNDWATER MONITORING REPORT**Abbreviations**

Bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
DTP	depth to product
DTW	depth to water
EPA	U.S. Environmental Protection Agency
EPNG	El Paso Natural Gas Company, LLC
LNAPL	light non-aqueous phase liquid
mg/L	milligrams per liter
MW	monitoring well
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
O&M	operations and maintenance
ORC	oxygen-releasing compound
PMW	Praxair monitoring well
SJRP	San Juan River (Gas) Plant
TDS	total dissolved solids
TPH	total petroleum hydrocarbons

2022 ANNUAL GROUNDWATER MONITORING REPORT**1.0 INTRODUCTION**

This Annual Groundwater Monitoring Report (Report) has been prepared on behalf of El Paso Natural Gas Company, LLC (EPNG) to present results of the 2022 groundwater monitoring activities at the San Juan River Gas Plant (SJRP, the Site). The Report also documents quarterly light non-aqueous phase liquid (LNAPL) recovery activities, soil boring activities conducted in April 2022, and monitoring well installation activities completed in July 2022.

The Site is currently regulated by the New Mexico Oil Conservation Division (NMOCD) and is located at 99 Road 6500, Kirtland, San Juan County, New Mexico. Annual groundwater sampling is typically conducted in the Autumn. The site location is shown in Figure 1, and the site plan is shown in Figure 2. The 2022 site activities were performed by Stantec Consulting Services, Inc. (Stantec), on behalf of EPNG.

2022 ANNUAL GROUNDWATER MONITORING REPORT

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The SJRP facility is located near Kirtland, New Mexico and was operated as a natural gas processing and distribution facility. The SJRP received natural gas from production wells located in the San Juan Basin of New Mexico and southern Utah. EPNG owned the SJRP until June 1992, when it was sold to Western Gas Resources, Inc., a subsidiary of Anadarko Petroleum Corporation. In May 2014, Western Gas Resources sold the facility to CCI San Juan, LLC, a subsidiary of Castleton Commodities International, LLC (CCI). CCI San Juan, LLC ceased operations at the SJRP in the Spring of 2020. EPNG retained responsibility for environmental impacts known to exist prior to its 1992 sale of the facility. The NMOCD manages EPNG's historical releases at the SJRP under Incident Number NAUTOFRM000157, formerly Order AP-69.

The SJRP is a 630-acre facility that contains gas processing facilities, a sulfur recovery plant, water and hydrocarbon tanks, a pigging station, flare, and several 16- to 24-inch diameter natural gas pipelines that cross the facility. The facility also contained two raw water ponds and three wastewater evaporation ponds, which are now closed. Closure of the evaporation ponds, flare pits, and other potential contaminant source areas were completed from 1992 through 1995.

During 2002 and 2003, a Praxair nitrogen recovery plant was built on the northern portion of the SJRP, approximately 300 yards south of monitoring wells MW-8 and MW-9. The nitrogen plant includes a 3.7 million gallon, double synthetically lined evaporation pond (Praxair Pond) with a leak detection system that is used to evaporate cooling tower blowdown, compressor foundation storm water, and air compressor condensate. The storm water and condensate flow through an oil/water separator prior to discharging to the Praxair Pond. Due to issues with the integrity of the Praxair Pond leak detection system, Praxair ceased Pond operations from August 15, 2010, until July 13, 2012, as the Pond was partially rebuilt, and the leak detection system was repaired.

The areas surrounding the impacted portions of the Site are used for non-residential activities. Properties adjacent to the SJRP include undeveloped land to the north that is underlain by coal mining operations, a public golf course to the south, commercial and residential properties to the east, and surface and underground coal mining operations to the west and northwest. The extreme northwestern portion of SJRP, beginning westward from the Praxair Pond, has been mined for coal. The coal mining operations, which support the nearby San Juan Generating Station power plant (Station), ceased in 2022, coinciding with a planned shutdown of coal combustion activities at the Station in 2023.

2.2 SITE HISTORY

In 1985, the NMOCD issued a directive for oil and gas producers to cease discharging production fluids to unlined surface impoundments (pits) located in the groundwater recharge areas of the San Juan Basin and major river drainages to the San Juan, Animas, and La Plata Rivers. Once discharge had ceased, producers were required to investigate and remediate soil and groundwater contamination caused by these pits. In response, several investigations and removal actions have been completed at the SJRP:

2022 ANNUAL GROUNDWATER MONITORING REPORT

- Multiple investigations were conducted at the SJRP between 1985 and 1995. During these investigations, 24 monitoring wells were installed at various locations at the Site.
- In 1992, the north and south flare pits were closed, and 18,200 cubic yards and 3,520 cubic yards of contaminated soil were removed from these flare pits, respectively. A former landfarm located southwest of the main production area is composed of the soil excavated from the north and south flare pits during their closure. On June 29, 1993, NMOCD granted closure of the flare pits with the condition that designated monitoring wells located downgradient of each former pit be monitored on an annual basis. The former wastewater evaporation ponds were closed during 1995 and 1996. The pit and pond closure activities included capping with compacted, low permeability soils. On June 17, 1997, NMOCD granted closure of the soil landfarm.

From 1995 through 1997, EPNG abandoned 17 monitoring wells (E-1B, E-1A, E-3, E-9, E-10, E-11, MW-1, MW-2, MW-3, P-2, P-5, P-6, P-7, P-8, P-9, P-10, and P-12), 2 wells were upgraded (W-2 and MW-4), and 5 new wells were installed (MW-5, MW-6, MW-7, MW-8, and MW-9). In addition, a soil gas investigation was performed. The results of the soil gas investigation indicated the presence of shallow hydrocarbon contamination near monitoring wells MW-8 and MW-9, which are in the northwestern portion of the SJRP facility.

- During January 2001, EPNG submitted a groundwater remediation work plan to NMOCD which addressed the elevated benzene concentrations in groundwater in monitoring wells MW-8 and MW-9. This work plan included provisions to install an air sparging system with two air sparging wells and one injection point located within 10 feet of each monitoring well. NMOCD gave approval to begin remediation activities in June 2001. The air sparging injection wells (SW-8 and SW-9) were installed during October 2001 and developed during November 2001. Following installation, a pre-pilot air sparging test was conducted at both wells. The results of the test indicated good communication between SW-9 and MW-9, but poor communication between SW-8 and MW-8. Due to poor communication between SW-8 and MW-8, magnesium peroxide oxygen-releasing compound (ORC) socks were used in MW-8 in lieu of air sparging. The air sparging system was installed near MW-9 and began operation on November 14, 2001.
- From February 2002 through December 2002, site activities consisted of continued operation and maintenance (O&M) of the air sparging system, and site-wide annual groundwater monitoring.
- In 2003, site activities included periodic O&M of the air sparging system, replacement of the ORC socks in MW-8, quarterly groundwater sampling of MW-8 and MW-9, and site-wide annual groundwater monitoring.
- Due to benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations in groundwater being below the New Mexico Water Quality Control Commission (NMWQCC) standards, the air sparging system was shut down in February 2004 to assess static groundwater conditions at the Site.

2022 ANNUAL GROUNDWATER MONITORING REPORT

- During 2004 through 2006, site activities included replacement of the ORC socks in MW-8, quarterly groundwater sampling of MW-8 and MW-9, and site-wide annual groundwater monitoring.
- EPNG submitted a Stage 1 Abatement Plan to NMOCD in November 2005 to investigate hydrocarbon impacts in groundwater adjacent to the Praxair water evaporation pond at the SJRP. NMOCD approved the Abatement Plan on January 23, 2006, and the investigative activities were completed in February 2006. A total of 15 soil borings (GPH-1 through GPH-15) were advanced, and 39 soil samples were collected and retained for laboratory analysis. Due to the shallow refusal depths encountered in weathered bedrock using direct-push methods, a revised work plan was submitted to NMOCD in September 2006. The revised work plan recommended further investigation be performed using hollow-stem auger methods. EPNG did not receive a formal response from NMOCD to the revised work plan.
- Monitoring well MW-7, located immediately adjacent to the Praxair facility, was plugged, and abandoned in May 2007 at the request of Praxair to accommodate new process construction at that location.
- During the May 2008 groundwater sampling event, it was observed that monitoring well MW-5 had been destroyed due to the subsurface coal mining activities near the western edge of the SJRP. The destruction of the well was determined to have occurred between February and May 2008.
- From May 2008 through the end of 2011, the environmental program at the SJRP consisted of remediation via the ORC socks in MW-8 and site-wide annual groundwater monitoring, as documented in annual reports.
- From 2013 through 2016, annual groundwater samples were collected from the existing site monitoring wells, which were documented in annual groundwater monitoring reports. In August 2016, a Site Characterization Work Plan was completed and submitted to NMOCD proposing additional assessment activities in the vicinity of the Praxair Pond and an area in the vicinity of a discharge pipe outfall to the north.
- In 2017, 19 soil borings (SB-01 through SB-19) were advanced as part of a site characterization investigation. Six monitoring wells (MW-11 through MW-16) were also advanced and completed. A total of 84 soil samples were collected and retained for laboratory analysis during advancement of the soil borings and monitoring wells. The results of the site characterization activities were documented in a November 2020 Site Characterization Report. Groundwater from the existing and newly installed monitoring wells, including existing Praxair monitoring wells, were sampled in July and November 2017. The 2017 groundwater sample data was presented in the 2017 Annual Groundwater Monitoring report.
- In 2018, groundwater samples were collected from the existing monitoring wells and Praxair monitoring wells, which was documented in the 2018 Annual Groundwater Monitoring Report. A Phase 2 Site Characterization Work Plan proposing additional investigation was completed in January 2019.

2022 ANNUAL GROUNDWATER MONITORING REPORT

- In March 2019, Phase 2 site characterization investigation activities were performed at the Site and included the advancement and installation of seven monitoring wells (MW-17 through MW-23) around the Historic Burn Area and near the Praxair Pond. Groundwater samples were collected in March and April 2019, and again in October 2019. The October 2019 groundwater sampling results were presented in the 2019 Annual Groundwater Report.
- In August 2020, a stepped mobile dual-phase extraction (MDPE) event was conducted on monitoring well MW-20, where LNAPL is present, in order to assess its recoverability and potential source. The results of these activities were summarized in the 2020 Annual Groundwater Monitoring Report.
- In July 2021, three monitoring wells, MW-24 through MW-26, were installed east of monitoring well MW-20 to evaluate potential hydrocarbon source areas in this direction. The monitoring well installation activities and results were summarized in the 2021 Annual Groundwater Monitoring Report.

Separate from EPNG's investigation of the Site, Praxair advanced and installed five monitoring wells (PMW-1 through PMW-5) in July and August 1993, around the Praxair Pond, which was constructed in the location of the former EPNG raw water pond. Monitoring wells PMW-1 through PMW-4 were installed to depths ranging from 80 to 90 feet below ground surface (bgs). As perched groundwater was encountered during advancement of PMW-3, a shallow monitoring well, PMW-5, was installed in the same borehole. However, hydrocarbons were noted during advancement of the monitoring wells on the east side of the pond, and monitoring wells PMW-3 and PMW-5 were subsequently plugged and abandoned (MWH, 2006).

As a result of Praxair's reconstruction of their Pond, monitoring wells PMW-1 and PMW-4 were plugged and abandoned, and replacement monitoring wells PMW-1a and PMW-4a were installed in February 2010. PMW-1a was completed to a depth of 101 feet bgs, while the boring for PMW-4a was advanced to a depth of 210 feet bgs, and the well completed at a depth of 150 feet bgs. Information regarding the Praxair monitoring wells was provided in the 2020 Annual Report (Stantec, 2021).

2.3 GEOLOGY AND HYDROGEOLOGY

Philip Environmental (Philip Environmental, 1998) summarized the geology of the Site during their investigations. Based on drilling logs from 1995 and prior activities, the soils consist of fine sand to fine sandy clay, with some gravel and cobbles. The soil samples from borings located in the valley or alluvial fans (such as P-10, P-7, P-9, MW-5, MW-8, and MW-9) consist of fine sand to clay.

The uppermost and most prevalent lithology at the Site is comprised of alluvial sediments, which consist of fluvial deposits and, to a lesser extent, terrace deposits of gravel and cobbles. Beneath the alluvium are the consolidated sedimentary units of the Kirtland Formation, which includes both shale and sandstone members. The portion of the Site to the north of the gas plant is underlain by a shale member of the Kirtland Formation. The SJRP and Flare Hill, located on the west edge of the SJRP, are underlain by a sandstone member of the Kirtland Formation. During remediation of the South Flare Pit in September 1992, a distinct clay layer was encountered at a depth of approximately 15 feet below the original bottom of the pit.

2022 ANNUAL GROUNDWATER MONITORING REPORT

During the 2006 investigation (MWH, 2006) using direct-push technology ground penetration methods, refusal was met in hard shale, siltstone, a silty sand mix, and sandstone at interval depths of 8 to 15 ft bgs. Lithology generally changed from a clay soil near the surface to alternating weathered shale and sandstone. This interpretation was considered consistent with previous assessments of the geology, and it was reported that most of the soil borings met refusal in what was likely the Kirtland Formation.

During the 2017-2019 site characterization investigation (Jacobs, 2020), alluvium consisting of silt and clay was encountered and varied in thickness from 10 feet to as much as 41 feet. Alluvium was underlain by sandstone in 2 of 7 boreholes and by shale in 5 of 7 boreholes. The geological assessment performed during the 2017-2019 site investigation was reported to be consistent with the results summarized in the 1998 Philip Environmental and 2006 MWH investigations.

2022 ANNUAL GROUNDWATER MONITORING REPORT

3.0 FIELD ACTIVITIES

Stantec conducted additional subsurface investigation activities in April and July 2022, and annual groundwater monitoring on May 19, 2022, October 30 through October 31, and November 1, 2022. LNAPL recovery activities were completed in March, April, May, July, and October during free product recovery events and in coordination with other site activities. Stantec provided field work notifications via email to the NMOCD prior to initiating field activities at the site. Copies of the 2022 NMOCD notifications are provided in Appendix A.

The following sections summarize the activities conducted during 2022.

3.1 DIRECT-PUSH INVESTIGATION ACTIVITIES

In April 2022, a direct-push investigation was completed to further assess the presence of shallow hydrocarbon impacts in the vicinity of monitoring well MW-20 and to help identify a source of measurable LNAPL present in MW-20. The activities planned, outlined in the March 21, 2022, *Direct Push Site Investigation Activities Work Plan*, included utility clearance activities, soil boring advancement, selected temporary well installation, inspection and removal, borehole abandonment, waste management and disposal, and reporting.

During the course of boring advancement, refusal was met with hand-augering before reaching the required soft-digging depths. Hydro-excavation activities were employed to further attempt to clear the planned boring locations. Of the 20 planned locations, only DP-01 through DP-09 and DP-11 through DP-12 were attempted. During advancement, refusal was reached at depths ranging from one-foot bgs (DP-09, hydro-excavation refusal) to 13.5 feet (DP-05, probe refusal). The locations of the advanced soil borings are shown on Figure 3. The direct-push boring logs are included in Appendix B. Due to the limited depth of the direct-push borings, NMOSE abandonment forms for the advanced soil borings were not required.

During the direct-push investigation, groundwater and LNAPL were not encountered, and no temporary wells were installed. Four soil samples (DP-01 10-11', DP-05 12.5-13.5', DP-06 10-11', and DP-07 10-10.25') were retained for laboratory analysis. The samples were placed in laboratory-supplied containers, placed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC, in Pensacola, Florida (Eurofins) where they were analyzed for the presence of BTEX by United States Environmental Protection Agency (EPA) Method SW-846 8060; gasoline-range organics (GRO), diesel-range organics (DRO), and oil-range organics (ORO) by EPA Method 8015; and chlorides by EPA method 300.

3.2 WELL INSTALLATION ACTIVITIES

In July 2022, two additional monitoring wells (MW-27 and MW-28) were installed at the Site to further assess the presence of hydrocarbons in soil and groundwater in the vicinities northwest and southwest of monitoring well MW-20. The planned monitoring well locations were staked for permitting and utility locating purposes prior to completing public 811 locating activities. Well installation permits for the new monitoring wells were also obtained from the New Mexico Office of the State Engineer (NMOSE).

2022 ANNUAL GROUNDWATER MONITORING REPORT

Unless otherwise noted below, the monitoring well advancement and installation activities were completed in accordance with the June 17, 2022, *Monitoring Well Installation Activities* workplan. Following advancement to the target depth, monitoring wells MW-27 and MW-28 were installed. Ground surface and casing elevations of the new monitoring wells were subsequently surveyed into the existing monitoring well array.

The monitoring wells were constructed of 4-inch-diameter, Schedule 40 polyvinyl chloride (PVC), with 0.010-inch, continuous, factory-slotted PVC screen. Monitoring well MW-27 was set with 30 feet of screen from 28 to 58 feet bgs and monitoring well MW-28 was set with 30 feet of screen from 30 to 60 feet bgs. The monitoring wells were installed at depths that bisected the field-observed or expected water table. A 3-foot seal of bentonite pellets was placed above the sand pack and hydrated, and the remaining annular space was filled with Portland Grout. Each new monitoring well was completed as a stick-up well with a locking protective casing, concrete surface completion, and protective bollards. The borehole logs, well construction diagrams, and NMOSE well completion forms are included as Appendix C.

During advancement of each monitoring well, soil samples were retained from above the field-interpreted water table and placed in a 4-ounce jar for laboratory analysis. For MW-27 and MW-28, two and three additional soil samples, respectively, were retained for laboratory analysis. The retained sample jars were stored in an ice-filled cooler and shipped under chain-of-custody protocols to Eurofins. The soil samples were analyzed for BTEX using EPA Method 8260C; Total Petroleum Hydrocarbons (TPH) (GRO, DRO, and ORO) using Method 8105D; chloride using Method 9056A; and New Mexico Water Quality Control Commission metals using Methods 6010B and 7471A.

Following installation, the monitoring wells were developed using a hand bailer until visibly clear groundwater was observed or until the well was purged dry. Development and decontamination water were containerized and transported to Envirotech, Inc. (Envirotech), located south of Bloomfield, New Mexico for disposal. A copy of the wastewater disposal documentation is included in Appendix D. Soil cuttings were containerized in a lined roll off and staged on site for later removal and disposal at Envirotech. Envirotech's soil disposal documentation is contained in Appendix E.

3.3 DEPTH TO WATER MEASUREMENTS

Site-wide groundwater gauging activities were performed on May 17 and October 30, 2022, with twenty-one (21) EPNG monitoring wells accessed and gauged in May and twenty-three (23) EPNG monitoring wells accessed and gauged in October. Well gauging was completed using an oil-water interface probe, and depth to water (DTW) and depth to product (DTP), as applicable, were measured at each of the accessed monitoring wells. The Praxair wells PMW-1a, PMW-2, and PMW-4a were padlocked and not accessed. Measurable light non-aqueous phase liquid (LNAPL) was present in monitoring wells MW-20 (0.03 and 0.02 foot) and MW-21 (0.03 and 0.04 foot), respectively.

3.4 LNAPL RECOVERY

Quarterly LNAPL recovery activities were initiated at the Site beginning in August 2020, and were performed in March, April, May, July, and October 2022. In 2022, measurable LNAPL was present in monitoring wells MW-12, MW-20, MW-21, and MW-28. The LNAPL

2022 ANNUAL GROUNDWATER MONITORING REPORT

recovery data is summarized on Table 1. During the groundwater sampling site visit in the fourth calendar quarter of 2022, the recovered LNAPL was disposed of with wastewater generated during the monitoring well sampling activities. Recovered LNAPL from the March site visit was transported for disposal at Basin Disposal, Inc. in Bloomfield, New Mexico (Appendix D). Recovered LNAPL from the April, May, July, and October recovery activities was transported for disposal at Envirotech (Appendix D).

3.5 GROUNDWATER SAMPLING

Following collection of gauging data on May 17, 2022, groundwater samples were collected from the EPNG monitoring wells containing sufficient water for sampling and no measurable LNAPL. Groundwater samples were obtained using HydraSleeve samplers. Monitoring wells W-2, MW-4, MW-6, MW-8, MW-9, MW-11, MW-12, MW-13 through MW-16, MW-18, MW-19, MW-22, and MW-24 through MW-26, were sampled. MW-17 and MW-23 were dry; therefore, no groundwater samples were collected. Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins. One laboratory-supplied trip blank and two blind field duplicate samples were also collected during the sampling event. Groundwater samples were analyzed for BTEX using U.S. Environmental Protection Agency (EPA) Method 8260B.

Following collection of gauging data on October 30, 2022, groundwater samples were collected from the EPNG monitoring wells containing a sufficient amount of water to sample and no measurable LNAPL. Groundwater samples were obtained using HydraSleeve samplers. Monitoring wells W-2, MW-4, MW-6, MW-8, MW-9, MW-11, MW-12, MW-13 through MW-19, MW-22, and MW-24 through MW-28, were sampled. Monitoring well MW-23 was dry; therefore, no groundwater sample was collected. MW-17 and MW-22 only contained sufficient water to collect partial samples (partial BTEX sample volume acquired at both locations). Monitoring wells MW-20 and MW-21 contained LNAPL. Stantec installed new HydraSleeves in those wells sampled in the third quarter of 2022 to facilitate future groundwater sampling at these locations. Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins. One laboratory-supplied trip blank per day, two blind field duplicate samples, and two matrix spike/matrix spike duplicate (MSMSD) samples were also collected during the sampling event. Groundwater samples were analyzed for BTEX using EPA Method 8260B, NMWQCC dissolved metals using Method SW-6010B, dissolved mercury using Method SW-7470A, alkalinity using Method SM-2320B; chloride, sulfate, and nitrate using Method 300.0, and total dissolved solids (TDS) using Method SM-2540C. Samples collected for dissolved metals analysis were field filtered using 0.45-micron filters, prior to sample preservation and shipment to the laboratory.

Excess groundwater and other wastewater generated during the sampling event was containerized and transported to Envirotech for treatment and disposal. Waste disposal documentation is included in Appendix D.

Groundwater analytical data were subjected to a validation process for the review of quality and analytical methods used. The data review focused on the potential impact of laboratory performance and matrix effects on the validity of the analytical results. During the review, sample results that did not meet quality control (QC) acceptance criteria were qualified with flags to indicate a potential problem with the data, as noted

2022 ANNUAL GROUNDWATER MONITORING REPORT

on the groundwater analytical data summary tables. The Stantec data validation report, and associated level IV data packages from Eurofins, are available upon request.

2022 ANNUAL GROUNDWATER MONITORING REPORT

4.0 RESULTS AND DISCUSSION

4.1 SOIL SAMPLE RESULTS

Soil analytical data were evaluated against the NMOCD guidelines for remediation of leaks, spills, and releases (NMOCD Guidelines, 1993) and the New Mexico Industrial/Occupational Soil Screening Levels (SSLs, NMED, 2019). Soil analytical results are summarized in Table 2. Laboratory analytical reports are provided in Appendix F. Soil samples with exceedances of applicable NMOCD Guidelines or NMED SSLs are depicted on Figure 3.

None of the four soil samples collected during the April 2022 direct-push investigation exceeded the applicable NMOCD Guidelines for the sample analytes.

As summarized on Table 2, concentrations of benzene, total BTEX, and chlorides in soil samples collected during advancement of monitoring wells MW-27 and MW-28 did not exceed applicable NMOCD Guidelines. The concentrations of TPH in two soil samples (MW-27, 43-44 feet and MW-28, 50-51) exceeded the applicable NMOCD Guideline. The soil sample collected from MW-28, 50-51 feet also exceeded the applicable NMOCD Guideline for DRO, GRO, and ORO. Concentrations of TPH did not exceed the applicable NMOCD Guidelines in the remaining soil samples analyzed. Concentrations of toluene, ethylbenzene, xylenes, or any of the fourteen metals analyzed did not exceed applicable NMED SSLs.

4.2 GROUNDWATER ELEVATION AND GRADIENT

Groundwater elevation data is summarized on Table 3. Groundwater elevations determined from the May 17 and October 30, 2022, gauging events indicate the apparent groundwater flow direction across the Site is generally to the southwest in the vicinity of the Praxair Plant and southward, and to the west and northwest north of the Praxair Plant. As noted in previous reports, a groundwater divide is located beneath the SJRP. Groundwater elevation contour maps are included as Figure 4a and 4b.

As noted, monitoring well MW-23 was found to be dry during both 2022 site-wide gauging events. Monitoring well MW-23 is located in the area where underground coal mining has occurred and settling related to the mining activities may have affected groundwater levels in this area.

4.3 GROUNDWATER ANALYTICAL RESULTS

Tables 4 and 5 summarize the historical and 2022 groundwater analytical results. Figure 5a and 5b summarize BTEX analyte concentrations in groundwater during the second and fourth quarter sampling events, respectively. Figures 6 and 7 summarize dissolved metals and inorganic analyte results, respectively, in groundwater for those analytes that exceeded the NMWQCC standards during the fourth quarter 2022 sampling event. The laboratory analytical reports are included as Appendix G.

- LNAPL was observed in MW-20, and MW-21 during the second and fourth quarter 2022 annual groundwater sampling events; therefore, groundwater samples were not collected from these wells. Monitoring well MW-17 was found to be dry during the May, 2022 sampling event, and monitoring well MW-23 was found to be dry

2022 ANNUAL GROUNDWATER MONITORING REPORT

during both sampling events in 2022. MW-27 and MW-28 were sampled only in the fourth quarter of 2022 because they were installed in July 2022.

- Groundwater samples collected from monitoring wells MW-9, MW-13, MW-15, and MW-16 during the second quarter sampling event exceeded the NMWQCC standard (0.010 milligrams per liter[mg/L]) for benzene in groundwater. Groundwater samples collected from monitoring wells MW-9, MW-13, MW-15, MW-16, MW-17, and MW-28 during the fourth quarter sampling event exceeded the NMWQCC standard for benzene in groundwater. Benzene concentrations were either below the standard or not detected in the remaining monitoring wells sampled in 2022.
- Groundwater samples collected from monitoring wells MW-17 and MW-28 during the fourth quarter sampling event exceeded the NMWQCC standard (0.75 mg/L) for toluene in groundwater. Concentrations of toluene in the remaining groundwater samples collected in 2022 were either below the NMWQCC standard or not detected.
- Concentrations of ethylbenzene were either below the NMWQCC standard (0.75 mg/L) or not detected in the monitoring wells sampled in 2022.
- The groundwater sample collected from MW-16 during the second quarter sampling event exceeded the NMWQCC standard (0.62 mg/L) for total xylenes in groundwater. The groundwater samples collected during the fourth quarter sampling event from MW-16, MW-17, and MW-28 exceeded the NMWQCC standard for total xylenes in groundwater. Concentrations of total xylenes were either below the standard or not detected in the remaining monitoring wells sampled in 2022.
- Dissolved metal concentrations that equaled or exceeded an NMWQCC standard in the fourth quarter of 2022 include those for: aluminum (MW-6 and MW-9 [NMWQCC standard of 5 mg/L]); boron (MW-4, MW-6, MW-14, MW-15, MW-18, MW-19, MW-24, MW-26, and MW-28 [NMWQCC standard of 0.75 mg/L]); cadmium (MW-6 and MW-19 [NMWQCC standard of 0.01 mg/L]); cobalt (MW-4, MW-6, MW-9, MW-18, and MW-19 [NMWQCC standard of 0.05 mg/L]); iron (MW-8, MW-9, MW-12, MW-18, MW-19, and MW-27 [NMWQCC standard of 1 mg/L]); manganese (MW-4, MW-6, MW-8, MW-9, MW-11, MW-12, MW-13, MW-14, MW-15, MW-18, MW-19, MW-22, MW-24, MW-25, MW-26, MW-27 and MW-28 [NMWQCC standard of 0.2 mg/L]); nickel (MW-6, MW-9, and MW-18 [NMWQCC standard of 0.2 mg/L]); and selenium (MW-6, MW-8, MW-13, and MW-16 [NMWQCC standard of 0.05 mg/L]).
- Inorganic constituent concentrations that exceeded an NMWQCC standard in the fourth quarter of 2022 include those for: chloride (W-2, MW-4, MW-6, MW-8, MW-9, MW-11 through MW-13, MW-15, MW-16, MW-18, and MW-24 through MW-28 [NMWQCC standard of 250 mg/L]); nitrate + nitrite (W2 and MW-6) [NMWQCC standard of 10 mg/L]; sulfate (W-2, MW-4, MW-6, MW-8, MW-9, MW-11 through MW-16, MW-18, MW-19, MW-24 through MW-28 [NMWQCC standard of 600 mg/L]); and TDS (W-2, MW-4, MW-6, MW-8, MW-9, MW-11 through MW-16, MW-18, MW-19, and MW-24 through MW-28 [NMWQCC standard of 1,000 mg/L]).
- Field duplicates were collected from MW-9 and MW-16 during the fourth quarter 2022 sampling event. No significant differences were noted between the primary and the duplicate samples.

2022 ANNUAL GROUNDWATER MONITORING REPORT

- Detectable concentrations of BTEX constituents were not reported in the trip blank submitted for analysis.

2022 ANNUAL GROUNDWATER MONITORING REPORT**5.0 PLANNED FUTURE ACTIVITIES**

Annual groundwater monitoring of EPNG monitoring wells is planned for the fourth calendar quarter of 2023. Groundwater samples will be collected from monitoring wells not containing LNAPL. If encountered while on-site, LNAPL will be hand-bailed, and recovered fluids transported to Envirotech for disposal.

The groundwater samples collected in 2023 will be submitted for laboratory analysis of BTEX constituents using EPA Method 8260. Groundwater samples will also be submitted for analysis of dissolved NMWQCC metals using Method SW-6010B, dissolved mercury using Method SW-7470A, alkalinity using Method SM-2320B; chloride, sulfate, and nitrate using Method 300.0, and TDS using Method SM-2540C, as available well volumes allow. Field duplicates and a trip blank will also be submitted for analysis during the groundwater sampling event.

Monitoring of LNAPL will continue on a quarterly basis in 2023 from monitoring wells MW-12, MW-20, MW-21, and MW-28. If encountered, LNAPL will be manually removed.

The activities completed in 2023 and their results will be summarized in the 2022 Annual Report, to be submitted by April 1, 2024.

2022 ANNUAL GROUNDWATER MONITORING REPORT**6.0 REFERENCES**

El Paso Natural Gas (EPNG). Phased Workplan to Address Petroleum Contamination at the Praxair Nitrogen Plant near EPNG's formerly owned San Juan River Gas Plant. Letter from Scott T Pope, PM to Glenn von Gonten, NMOCD. September 30, 2005.

Jacobs Engineering Group Inc. (Jacobs). Phase 2 Site Characterization Work Plan, San Juan River Gas Plant, Kirtland, San Juan County, New Mexico. January 2019.

Jacobs Engineering Group Inc. 2019 Annual Groundwater Monitoring Report, San Juan River Gas Plant, Kirtland, New Mexico. March 2020.

Jacobs Engineering Group Inc. Site Characterization Report, San Juan River Gas Plant, Kirtland, New Mexico. November 2020.

K.W. Brown & Associates. Final Closure Plan for Wastewater Impoundments and Flare Pits and El Paso Natural Gas Company's San Juan River Plant. April 1991.

Montgomery Watson Harza (MWH). Proposed Work Plan for Additional Phase I Investigation of Potential Hydrocarbon Impacts as Part of a Stage I Abatement Plan at the San Juan River Gas Plant, San Juan River Basin, New Mexico. September 2006.

Montgomery Watson Harza. 2011 Annual Report San Juan River Plant. March 2012

New Mexico Environment Department (NMED). 2008. Ground Water Discharge Permit Renewal Praxair Inc. – Kirtland Facility, DP-1422.

New Mexico Oil Conservation Division (NMOCD). Guidelines for Remediation of Leaks, Spills and Releases. August 1993.

Philip Environmental. Summary of Investigations at the San Juan River Gas Plant, Kirtland, New Mexico. Prepared for El Paso Natural Gas Company, Farmington, New Mexico. June 1998.

Stantec Environmental Services, Inc. 2020 Annual Groundwater Monitoring Report, San Juan River Plant, Kirtland, New Mexico. April 2021

Stantec Environmental Services, Inc. 2021 Annual Groundwater Monitoring Report, San Juan River Plant, Kirtland, New Mexico. March 2022.

TABLES

Table 1
Light Non-Aqueous Phase Liquid Recovery Summary
San Juan River Gas Plant

Well ID - MW-12	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
11/8/2021	20.35	20.36	0.01	<0.01	0.16	Manual
7/27/2022	20.36	20.37	0.01	<0.01	0.1	Manual
			Total:	0.00	0.26	
Well ID - MW-20	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
3/11/2019	38.70	40.02	1.30	N/A	N/A	N/A
4/15/2019	34.30	35.47	1.20	N/A	N/A	N/A
10/14/2019	26.50	26.71	0.20	N/A	N/A	N/A
8/20/2020	26.98	28.18	1.20	0.69	24.1	MDPE*
11/15/2020	27.72	28.51	0.79	0.42	0.37	Manual
3/17/2021	24.37	24.50	0.13	0.20	0.53	Manual
5/20/2021	27.00	27.08	0.08	<0.01	0.05	Manual
8/29/2021	27.37	27.41	0.04	0.02	0.37	Manual
11/8/2021	27.19	27.23	0.04	0.02	0.30	Manual
3/22/2022	26.56	26.60	0.04	<0.01	0.05	Manual
4/4/2022	26.52	26.55	0.03	<0.01	0.13	Manual
5/17/2022	26.60	26.63	0.03	0.01	0.31	Manual
7/28/2022	26.80	26.83	0.03	<0.01	0.10	Manual
10/30/2022	26.38	26.40	0.02	<0.01	0.18	Manual
			Total:	1.36	26.49	
Well ID - MW-21	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
11/8/2021	28.63	28.68	0.05	0.01	0.27	Manual
3/22/2022	28.45	28.49	0.04	<0.01	0.03	Manual
4/4/2022	28.57	28.6	0.03	<0.01	0.18	Manual
5/17/2022	28.41	28.44	0.03	<0.01	0.16	Manual
7/27/2022	28.51	28.54	0.03	<0.01	0.14	Manual
10/30/2022	28.60	28.64	0.04	<0.01	0.16	Manual
			Total:	0.01	0.94	
Well ID - MW-28	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
8/1/2022	60.84	60.87	0.03	<0.01	1.50	Manual
			Total:	0.00	1.50	

Notes:

* = Includes calculated recovered hydrocarbon vapors.

gal = gallons.

LNAPL = Light non-aqueous phase liquid.

MDPE = Mobile Dual-Phase Extraction.

N/A = Not attempted.

LNAPL Data for previous years documented in previously-submitted reports.

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	SB-01	SB-02			SB-03			SB-04			SB-05			
			1-2 ft bgs	1-2 ft bgs	13-14 ft bgs	18-19 ft bgs	1-2 ft bgs	10-11 ft bgs	13-14 ft bgs	1-2 ft bgs	14-15 ft bgs	19-20 ft bgs	1-2 ft bgs	10-11 ft bgs	15-16 ft bgs	29-30 ft bgs
		Sample Date	4/19/2017	4/19/2017	4/12/2017	4/12/2017	4/20/2017	4/11/2017	4/11/2017	4/17/2017	4/11/2017	4/11/2017	4/18/2017	4/12/2017	4/12/2017	4/12/2017
Volatile Organic Compounds																
Benzene	87.2	10	<0.00078	<0.000752	<0.000652	0.00097 J	<0.000592	2.59	1.99	<0.000695	<0.000758	0.0048 J	<0.000754	6.12	3.19	0.0381 J
Toluene	61,110	NE	<0.00171	<0.00165	<0.00143	<0.00134	<0.0013	<0.0729	15.1	<0.00152	<0.00166	<0.00146	<0.00165	<1.18	17.3	0.0115 J
Ethylbenzene	365	NE	<0.00126	<0.00122	<0.00106	<0.000989	<0.000959	3.2	2.73	<0.00113	<0.00123	<0.00108	<0.00122	8.23	7.63	0.00351 J
Xylenes, Total	4,237	NE	<0.0014	<0.00135	<0.00117	<0.0011	<0.00106	5.36	38.4	<0.00125	<0.00136	<0.0012	<0.00135	97.9	116	0.0258 J
Total BTEX	NE	50 ³	<0.00171	<0.00165	<0.00143	0.00097 J	<0.0013	11.15	58.22	<0.00152	<0.00166	0.0048 J	<0.00165	112.25	144.12	0.07891 J
Anions																
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																
Aluminum	1,285,451	NE	12,900	10,800	15,800	14,000	10,100	14,900	11,500	13,900	16,900	8,700	14,200	12,700	11,500	15,000
Arsenic	35.88	NE	4.06	3.26	4.16	3.1	3.59	14.5	23.6 J	3.95	3.6	15.1	60.4	15	3.21	4.35
Boron	259,431	NE	3.74 J	4.46 J	1.43 J	0.791 J	1.74 J	1.66 J	1.32 J	2.08 J	1.66 J	2.72 J	55.4	1.63 J	0.551 J	1.72 J
Barium	254,671	NE	137	109	27.7	66.3	72.2	74	45.6	147	58.7	130	121	33.3	60.4	182 J
Calcium	40,555,556	NE	13,900	21,600	2,340	2,250	6,510	3,170	2,310 J	13,800	10,300	6,280	3,240	3,720	3,030	3,000 J
Cadmium	1,108	NE	0.187 J	0.157 J	0.114 J	0.139 J	0.144 J	0.0862 J	<0.0286	0.182 J	0.28	<0.0304	28.1	0.353	0.161 J	0.0876 J
Cobalt	388	NE	10	7.22	13.5	12.4	6.43	10.1	4.8	8.16	11.7	7.64	63.4	8.65	12.4	11.5
Chromium	504.62	NE	6.19	24	7.39	6.39	5.75	6.49	5.56	7.17	16.1	4.63	7.8	6.85	5.53	4.49
Iron	908,444	NE	18,300	13,400	19,700	19,000	14,000	24,200	18,300	16,800	27,800	20,800	18,800	28,500	31,000	15,400
Potassium	76,244,444	NE	1,500	1,280	1,540	1,160	1,210	1,730	1,280	1,680	1,460	1,140	2,020	2,000	1,180	1,460
Mercury	111	NE	0.0185 J	0.0175 J	0.0234	0.0185 J	0.0148 J	0.0415	0.0205 J	0.0113 J	0.0279	0.0589	0.0354	0.035	0.0181 J	0.0299
Magnesium	5,677,778	NE	4,090	3,620	3,920	3,620	3,580	3,630	2,920	4,600	6,280	1,510	4,760	3,300	3,120	2,940
Manganese	160,183	NE	475	906	105	120	110	88.1	53.7	512	327	61.2	119	138	139	140 J
Molybdenum	6,489	NE	1.33	1.18	1.55	0.668	0.556	2.39	0.882	1.06	2.25	3.21	2.6	3.34	1.3	<0.584
Sodium	37,311,111	NE	7,770	9,090	4,560	3,830	13,800	8,460	6,640	10,400	3,270	5,650	10,500	9,290	5,680	11,600
Nickel	25,682	NE	10.2	8.6	16.1	12.9	7.07	11.6	5.3	11	20.5	15	7.71	15.3	13.3	14.4
Lead	NE	NE	29.2	13.2	13.8	10.3	9.85	20.8	14.9	9.99	14.4	21.8	73.3	23.2	13.2	13.7
Selenium	6,489	NE	0.453 J	0.375 J	<0.311	<0.289	<0.266	0.548 J	<0.289	0.339 J	<0.273	0.873 J	56.6	<0.29	<0.298	<0.302
Total Petroleum Hydrocarbons																
Gasoline Range Organics [C6-C10]	500	100	<3.65	<3.42	<3.49	<3.31	<3.02	24.2	746	<3.26	<2.89	<3.01	<3.41	1,110	653	<3.36
Diesel Range Organics [C10-C28]	3,000	100	<3.07	<2.93	4.1 J	<2.85	<2.77	0.463	25.8	4.51 J	3.01 J	3.19 J	6.66	337	147	<2.9
Oil Range Organics [C24-C40]	3,000	100	<6.14	<5.91	13.9	4.41 J	<5.53	0.059 J	4.37 J	4.72 J	7.32	8.77	5.76 J	6.17 J	3.27 J	3.03 J
Total Petroleum Hydrocarbons	NE	100	<6.14	<5.91	18.0	4.41	<5.53	24.7	776.2	9.23	10.33	11.96	12.42	1,453	803	3.03

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria¹ (mg/kg)	NMOCD Recommended Remediation Action Level² (mg/kg)	SB-06					SB-07			SB-08			SB-09		
			1-2 ft bgs	10-11 ft bgs	13-14 ft bgs	18-19 ft bgs	25-26 ft bgs	1-2 ft bgs	14-15 ft bgs	20-21 ft bgs	1-2 ft bgs	13-14 ft bgs	29-30 ft bgs	1-2 ft bgs	9-10 ft bgs	12-13 ft bgs
		Sample Date	4/4/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/20/2017	4/10/2017	4/10/2017	4/18/2017	4/11/2017	4/11/2017	3/30/2017	3/28/2017	3/28/2017
Volatile Organic Compounds																
Benzene	87.2	10	<0.000783	<0.000609	<0.000752	0.472	<0.000793	<0.000699	<0.000894	<0.00072	<0.000734	26.8	4.25	<0.000673	<0.000626	<0.000578
Toluene	61,110	NE	<0.00172	<0.00133	0.00201 J	0.942	0.00256 J	<0.00153	<0.00196	<0.00158	<0.00161	0.237 J	1.23	<0.00147	<0.00137	<0.00127
Ethylbenzene	365	NE	<0.00127	<0.000986	<0.00122	0.934	<0.00128	<0.00113	0.0088	0.00175 J	<0.00119	50.1	1.37	<0.00109	<0.00101	<0.000936
Xylenes, Total	4,237	NE	<0.0014	0.00314 J	0.00482 J	11.8	0.00423 J	<0.00125	0.0091	<0.00129	<0.00132	528	11.4	<0.00121	<0.00112	<0.00104
Total BTEX	NE	50³	<0.00172	0.00314 J	0.00683 J	14.148	0.00679 J	<0.00153	0.0179	0.00175 J	<0.00161	605.137	18.25	<0.00147	<0.00137	<0.00127
Anions																
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																
Aluminum	1,285,451	NE	13,300	11,900	15,300	13,100	13,500	11,400	15,600	19,000	14,300	14,600	16,300	10,300	12,100	3,780
Arsenic	35.88	NE	4.09	14.6	3.91	39.4	2.73	3.33	7.09 J	6.44	5.17	6.5	6.4	2.66	6.85	1.51
Boron	259,431	NE	2.29 J	1.3 J	2.05 J	1.31 J	2.03 J	5.8 J	0.999 J	1.94 J	<0.473	2.59 J	2.36 J	1.47 J	2.28 J	0.779 J
Barium	254,671	NE	112	86.5	174	95.5	77.1	187 J	436	50.8	80.6 J	47.7	95.1	78.9	74.3	240
Calcium	40,555,556	NE	16,200	4,100	3,940	4,790	3,440	14,900 J	5,660	2,230	2,770 J	5,990	4,120	3,910	3,250	5,770
Cadmium	1,108	NE	0.214 J	0.415	0.113 J	0.261	0.155 J	0.145 J	0.345	0.149 J	0.129 J	0.446	0.0781 J	0.899	<0.0312	<0.0273
Cobalt	388	NE	7.68	8.37	9.5	10.8	8.88	6.81	11.1	9.59	6.78	12	12.1	6.59	6.94	3.27
Chromium	504.62	NE	6.91	8.63	7.58	5.97	5.22	14.8	8.01	8.39	7.47	13.5	5.39	4.59	7.95	3.13
Iron	908,444	NE	16,000	31,100	18,800	23,800	19,200	14,700	27,400	23,500	21,900	28,700	19,200	14,600	14,900	7,890
Potassium	76,244,444	NE	1,480	1,410	1,470	1,220	1,240	1,530	1,230	1,780	1,560	1,720	1,400	1,420	1,910	296
Mercury	111	NE	<0.00391	0.0313	0.0281	0.0161 J	0.0199	<0.00419	0.0327	0.0294	0.00663 J	0.053	0.0332	0.0157 J	0.0387	<0.00412
Magnesium	5,677,778	NE	4,610	2,870	3,670	3,210	3,310	3,980	3,720	4,500	4,460	3,480	2,920	3,360	3,790	2,270
Manganese	160,183	NE	767	132	122	136	150	538 J	204	140	73	288	122	292	101	203
Molybdenum	6,489	NE	0.849	3.2	0.955	0.98	0.983	<0.58	2.91	1.92	0.753	5.4	2.58	0.468 J	1.41	0.555
Sodium	37,311,111	NE	6,320	4,020	5,320	4,750	7,340	5,580	2,930	6,210	17,400	5,170	9,990	9,510	4,280	820
Nickel	25,682	NE	10.2	14	12.2	14.6	10.4	8.05	29.6	15.2	9.19	32.5	17.1	15.9	8.7	3.11
Lead	NE	NE	9.58	17	15.8	11.1	14.4	13.3	13.6	17.1	19.5	17.2	20.8	10.8	17.1	3.03
Selenium	6,489	NE	<0.299	<0.256	<0.325	<0.27	<0.268	<0.3	<0.259	0.512 J	<0.318	0.881 J	<0.289	0.305 J	0.87 J	<0.276
Total Petroleum Hydrocarbons																
Gasoline Range Organics [C6-C10]	500	100	<2.46	217	<3.7	79.7	<3.03	<3.31	<2.84	<3.22	<3.8	1,750	<3.21	<2.37	<2.17	<2.46
Diesel Range Organics [C10-C28]	3,000	100	<2.87	110	33	<2.84	<2.82	<2.88	3.55 J	19.9	5.27 J	390	3.64 J	4.84 J	3.37 J	<2.81
Oil Range Organics [C24-C40]	3,000	100	4.07 J	4.25 J	5.02 J	4.24 J	4.73 J	<5.77	6.05	9.47	4.59 J	28	7.14	4.74 J	<3.15	<2.81
Total Petroleum Hydrocarbons	NE	100	4.07	331	5.02	83.9	4.73	<5.77	9.6	29.4	9.86	2,168	10.78	9.58	3.37	<2.81

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	SB-10				SB-11				SB-12			SB-13		
			1-2 ft bgs	10-11 ft bgs	21-22 ft bgs	31-32 ft bgs	1-2 ft bgs	17-18 ft bgs	27-28 ft bgs	29-30 ft bgs	1-2 ft bgs	19-20 ft bgs	25-26 ft bgs	1-2 ft bgs	14-15 ft bgs	18-19 ft bgs
		Sample Date	3/28/2017	3/27/2017	3/27/2017	3/27/2017	4/20/2017	3/31/2017	3/31/2017	3/31/2017	4/20/2017	4/10/2017	4/10/2017	4/4/2017	4/5/2017	4/5/2017
Volatile Organic Compounds																
Benzene	87.2	10	<0.000838	<0.000574	0.763 J	0.00174 J	<0.000625	13.4	1.34	2.53	<0.000739	0.252 J	0.028	<0.000683	<0.000643	<0.000602
Toluene	61,110	NE	<0.00184	<0.00126	<0.0672	<0.00154	<0.00137	<0.665	<0.0612	0.145 J	<0.00162	<0.0687	0.00826	<0.0015	<0.00141	<0.00132
Ethylbenzene	365	NE	<0.00136	<0.000929	2.53 J	<0.00114	<0.00101	39.6	1.41	0.617	<0.0012	1.04 J	0.0121	<0.00111	<0.00104	<0.000974
Xylenes, Total	4,237	NE	0.0117 J	<0.00103	7.96 J	<0.00126	<0.00112	199	5.48	5.98	<0.00133	7.29 J	0.105	<0.00122	<0.00115	<0.00108
Total BTEX	NE	50 ³	0.0117 J	<0.00126	11.253 J	0.00174 J	<0.00137	252	8.23	9.272	<0.00162	8.582	0.15336	<0.0015	<0.00141	<0.00132
Anions																
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																
Aluminum	1,285,451	NE	14,000	11,100	11,500	13,500	12,500 J	8,280	12,000	10,000	13,800	19,900	17,200	16,600	8,980	6,590
Arsenic	35.88	NE	2.13	4.73	5.98	7.29	4.01	5.43	1.53	2.35	4.04	3.67	4.4	7.2	<1.23	<2.41
Boron	259,431	NE	2 J	1.3 J	1.65 J	1.76 J	1.1 J	2.38 J	1.69 J	1.63 J	2.17 J	2.29 J	2.13 J	2.86 J	5.09 J	3.81 J
Barium	254,671	NE	83.2	40.3	56.2	60.8	101 J	294	116	56.7	81.1	134	126	27	85.8	70.6
Calcium	40,555,556	NE	6,730	7,210	6,150	2,600	12,700 J	3,890	12,300	6,880	970	2,330	5,410	11,800	3,970	40,800
Cadmium	1,108	NE	0.2 J	0.141 J	<0.0275	<0.0246	0.237 J	0.319	0.367	0.256 J	0.293	0.0969 J	0.158 J	0.298	0.434	0.309
Cobalt	388	NE	18.1	11.9	11.1	21.2	16.7	8.68	10.7	8.93	7.74	7.36	12	30.8	11	16.2
Chromium	504.62	NE	6.97	8.85	5.86	4.9	6.64	3.04	4.34	4.1	6.18	8.93	7.38	6.98	3.89	3.2
Iron	908,444	NE	17,500	25,700	26,000	26,500	20,100	17,600	13,400	16,800	16,800	22,400	24,300	32,600	13,800	6,600
Potassium	76,244,444	NE	1,530	1,250	1,300	1,500	1,260	1,100	1,280	1,230	1,480	1,800	1,550	1,040	1,380	886
Mercury	111	NE	0.0262	0.0353	0.027	0.0188	0.0325 J	0.083	0.0216	0.00521 J	0.0416 J	0.0293	0.0223	0.0164 J	0.00843 J	<0.00374
Magnesium	5,677,778	NE	3,830	4,280	3,130	3,680	3,280	1,840	3,470	3,620	4,170	4,780	4,750	3,380	3,640	2,110
Manganese	160,183	NE	338	275	101	150	332	77.1	341	144	298	139	219	321	160	2,680
Molybdenum	6,489	NE	0.537 J	1.77	1.77	5.04	0.301 J	3.04	<0.149	0.66	<0.52	1.01	2.78	2.89	2.57	0.479 J
Sodium	37,311,111	NE	12,100	3,480	5,210	9,230	5,410	2,910	5,750	7,630	14,900	7,790	9,150	4,380	2,300	752
Nickel	25,682	NE	20.7	21.5	10.4	23.8	11.1	16.3	13.9	11.2	11.2	11.3	14.9	24.2	7.96	14.5
Lead	NE	NE	11.2	14.1	13.5	15	17.6	16.8	14.4	13.7	20.5	16.2	12.9	11.4	14.7	6.3
Selenium	6,489	NE	<0.323	<0.292	<0.278	0.322 J	0.43 J	0.936 J	<0.284	<0.283	0.376 J	<0.264	<0.273	<0.281	<0.293	<0.286
Total Petroleum Hydrocarbons																
Gasoline Range Organics [C6-C10]	500	100	<2.34	105	136	<3.14	<3	1,890	<2.22	<2.47	<3.52	279	<3.05	<2.22	<2.22	<2.48
Diesel Range Organics [C10-C28]	3,000	100	<3.02	8.22	25.2	7.82	<2.73	565	44.3	36	<2.98	32.4	6.37	<2.73	3.9 J	2.76 J
Oil Range Organics [C24-C40]	3,000	100	3.27 J	3.22 J	4.71 J	8.89	<5.46	9.2	8.94	9.95	<5.95	4.79 J	10.1	4.78 J	7.15	5.55
Total Petroleum Hydrocarbons	NE	100	3.27	116.44	165	16.71	<5.46	2,464	53.2	50	<5.95	316	16.5	4.78	11.1	8.31

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	SB-14					SB-15			SB-16			SB-17			
			1-2 ft bgs	13-14 ft bgs	18-19 ft bgs	31-32 ft bgs	37-38 ft bgs	1-2 ft bgs	14-15 ft bgs	19-20 ft bgs	1-2 ft bgs	14-15 ft bgs	20-21 ft bgs	1-2 ft bgs	11-12 ft bgs	21-22 ft bgs	26-27 ft bgs
		Sample Date	4/4/2017	3/31/2017	3/31/2017	3/31/2017	3/31/2017	4/17/2017	4/10/2017	4/10/2017	4/20/2017	4/10/2017	4/10/2017	4/20/2017	4/5/2017	4/5/2017	4/5/2017
Volatile Organic Compounds																	
Benzene	87.2	10	<0.000674	0.00109 J	0.358	2.82	0.0161	<0.000691	<0.000551	<0.000634	<0.000909	<0.00056	<0.000537	<0.000545	<0.000715	<0.000702	<0.000537
Toluene	61,110	NE	<0.00148	<0.00145	<0.0685	<0.0679	0.014	<0.00151	<0.00121	<0.00139	<0.00199	<0.00123	<0.00118	<0.00119	<0.00128	<0.00154	<0.00118
Ethylbenzene	365	NE	<0.00109	0.0192	2.4	1.85	0.0338	<0.00112	<0.000892	<0.00103	<0.00147	<0.000906	<0.000869	<0.000882	<0.00157	<0.00114	<0.000869
Xylenes, Total	4,237	NE	<0.00121	0.0872	1.68	15	0.263	<0.00124	<0.000989	<0.00114	<0.00163	<0.001	<0.000963	<0.000977	0.482	<0.00126	<0.000963
Total BTEX	NE	50 ³	<0.00148	0.10749	4.438	19.67	0.3269	<0.00151	<0.00121	<0.00139	<0.00199	<0.00123	<0.00118	<0.00119	0.482	<0.00154	<0.00118
Anions																	
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																	
Aluminum	1,285,451	NE	13,400	14,000	10,500	11,800	12,800	13,900	17,000	13,700	12,900	13,900	13,800	6,800	11,500	14,000	7,490
Arsenic	35.88	NE	4.97	4.1	42.9	1.49	3.55	4.25	3.65	3.18	3.56	3.02	3	3.24	<1.37	<2.68	<1.14
Boron	259,431	NE	2.94 J	2.35 J	1.36 J	1.86 J	2.42 J	4.56 J	2.17 J	1.75 J	5.54 J	1.98 J	1.61 J	1.95 J	6.42 J	7.55 J	5.14 J
Barium	254,671	NE	67.1	113	254	32.1	70.5	83.4	44.2	173	85.5	103	49.4	332	76.3	62.1	211 J
Calcium	40,555,556	NE	25,400	3,400	4,080	1,970	3,200	10,300	2,260	3,860	78,900	4,850	5,540	39,700	2,500	3,480	5,440 J
Cadmium	1,108	NE	0.229 J	0.176 J	0.557	0.221 J	0.29	0.21 J	0.0867 J	0.438	0.162 J	0.0832 J	0.395	0.136 J	0.417	0.831	0.43 J
Cobalt	388	NE	6.17	7.59	9.9	5.64	10.3	5.64	7.35	14.1	6.91	7.51	18.3	4.53	4.8	19.5	9.94 J
Chromium	504.62	NE	7.06	10.4	7.55	4.3	4.15	7.54	8.49	7.58	7.18	9.65	7.12	4.48	5.44	7.97	5.62
Iron	908,444	NE	18,300	24,800	45,700	16,300	18,500	15,800	23,600	21,100	14,400	20,600	20,800	10,300	12,900	19,500	13,300 J
Potassium	76,244,444	NE	1,560	1,530	1,600	1,350	1,280	1,350	1,640	1,400	1,230	1,260	1,250	852	1,420	1,680	530 J
Mercury	111	NE	0.0297	0.0234	0.0233 J	0.0219	0.023	0.0108 J	0.0257	0.0167 J	0.00529 J	0.00767 J	0.019 J	0.013 J	0.0156 J	0.0245	0.00932 J
Magnesium	5,677,778	NE	3,620	4,260	2,630	4,330	3,380	4,730	4,350	4,710	4,890	3,950	4,360	2,480	3,300	4,710	3,360
Manganese	160,183	NE	196	117	97.1	205	131	292	123	210	813	138	317	301	108	128	203 J
Molybdenum	6,489	NE	1.59	1.82	14.3	0.406 J	2.6	3.61	0.67	0.973	1.41	0.954	0.612	0.542	0.771	0.267 J	3.47
Sodium	37,311,111	NE	7,250	3,130	3,040	7,080	9,120	11,700	6,820	3,410	11,200	4,790	3,510	440	9,120	3,780	2,110 J
Nickel	25,682	NE	9.71	10.3	13.6	8.48	13.3	10.9	11	19.8	7.93	9.08	19.9	5.23	7.51	15.5	9.28 J
Lead	NE	NE	14.5	15.5	20.2	13.1	14.4	10.4	13.6	14.3	10.9	10.4	10.9	6.05	11.9	10.9	7.34
Selenium	6,489	NE	<0.282	<0.277	3.98	<0.301	<0.288	<0.265	<0.299	<0.264	0.608 J	<0.287	<0.288	<0.26	<0.326	<0.318	<0.272
Total Petroleum Hydrocarbons																	
Gasoline Range Organics [C6-C10]	500	100	<2.45	<2.43	21.3	<2.25	<2.32	<3.18	<2.34	<2.46	<3.31	<2.4	<2.19	<2.76	<2.37	<2.47	<2.37
Diesel Range Organics [C10-C28]	3,000	100	<2.82	5.08 J	35.1	16.5	12.6	<2.95	<2.98	<2.97	<2.84	<3.1	<2.96	<2.64	80.3	<3.12	<2.71
Oil Range Organics [C24-C40]	3,000	100	4.51 J	4.9 J	4.3 J	<2.84	12.2	3.52 J	<2.98	<2.97	<5.68	4.66 J	<2.96	<5.28	9.04	4.35 J	3.69 J
Total Petroleum Hydrocarbons	NE	100	4.51	10	60.7	16.5	24.8	3.52	<2.98	<2.97	<5.68	4.66	<2.96	<5.28	89.3	4.35	3.69

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	SB-18			SB-19			MW-11		MW-12			MW-13				
			1-2 ft bgs	14-15 ft bgs	21-22 ft bgs	1-2 ft bgs	13-14 ft bgs	17-18 ft bgs	1-2 ft bgs	29-30 ft bgs *	1-2 ft bgs	10-11 ft bgs	16-17 ft bgs *	1-2 ft bgs	10-11 ft bgs	19-20 ft bgs*	29-30 ft bgs *	34-35 ft bgs *
		Sample Date	4/20/2017	4/10/2017	4/10/2017	3/30/2017	3/27/2017	3/27/2017	4/4/2017	3/31/2017	4/4/2017	3/30/2017	3/30/2017	4/4/2017	3/28/2017	3/28/2017	3/28/2017	3/28/2017
Volatile Organic Compounds																		
Benzene	87.2	10	<0.00076	0.000824 J	<0.000521	<0.000752	<0.000505	<0.000633	<0.000747	<0.000776	<0.000614	<0.000605	<0.00069	<0.000704	0.00119 J	0.00128 J	46.8	0.0229
Toluene	61,110	NE	<0.00166	<0.000652	<0.00114	<0.00165	<0.00111	<0.00139	<0.00164	<0.0017	<0.00135	<0.00133	<0.00151	<0.00154	<0.00141	<0.00128	178	0.0568
Ethylbenzene	365	NE	<0.00123	<0.000482	<0.000844	<0.00122	<0.000818	<0.00102	<0.00121	<0.00126	<0.000995	<0.000979	<0.00112	<0.00114	<0.00104	0.00343 J	25.8	0.00556 J
Xylenes, Total	4,237	NE	<0.00136	<0.000534	<0.000935	<0.00135	<0.000906	<0.00114	<0.00134	0.004 J	<0.0011	<0.00109	<0.00124	<0.00126	<0.00115	0.00826 J	360	0.0668
Total BTEX	NE	50 ³	<0.00166	0.000824 J	<0.00114	<0.00165	<0.00111	<0.00139	<0.00164	0.004 J	<0.00135	<0.00133	<0.00151	<0.00154	0.00119 J	0.01297 J	610.6	0.15206
Anions																		
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																		
Aluminum	1,285,451	NE	11,500	16,200	11,100	11,300	11,400	11,700	9,880	7,690	12,100	10,300	12,400	12,000	3,660	8,160	12,700	15,400
Arsenic	35.88	NE	4	5.98 J	7.76	4.25	1.71	2.67	2.17	2.62	3.23	1.97	1.61	2.43	2.39 J	1.46	4.47	1.46
Boron	259,431	NE	2.74 J	1.62 J	1.35 J	4.88 J	0.85 J	0.662 J	2.71 J	0.664 J	1.81 J	0.61 J	1.03 J	2.53 J	<0.378	0.753 J	2.07 J	2.28 J
Barium	254,671	NE	29.6	161 J	67.7	186	216	98.8	68.2	118	79.5	27	51.9	158	293 J	130	47	45.8
Calcium	40,555,556	NE	31,500	2,290 J	9,460	25,700	3,890	4,230	45,900	3,480	23,600	1,920	4,110	58,000	7,380 J	21,600	3,960	2,830
Cadmium	1,108	NE	0.131 J	0.186 J	0.175 J	0.201 J	0.0333 J	<0.0278	0.112 J	0.138 J	0.144 J	<0.0267	<0.0273	0.157 J	<0.025	<0.0279	<0.0265	<0.027
Cobalt	388	NE	8.46	6.98	6.08	6.28	6.74	10.9	6.31	11	8.93	5.85	9.67	7.54	4.1	7.42	22	8.44
Chromium	504.62	NE	7.99	7.36 J	5.92	9.05	6.84	7.55	6.24	4.78	6.18	6.83	8.29	6.75	2.9	6.14	5.85	6.37
Iron	908,444	NE	21,200	21,300	35,400	14,200	22,000	26,300	14,000	17,100	16,600	16,700	23,600	13,400	8,530	13,400	17,700	17,000
Potassium	76,244,444	NE	919	1,590	1,460	1,200	1,130	1,170	416	576	704	1,300	1,280	911	377	675	1,280	1,640
Mercury	111	NE	0.00842 J	0.0409	0.0259	0.402 J	0.00978 J	0.025	<0.0039	0.0053 J	0.251	0.0269	0.00601 J	0.121	<0.00331	0.00519 J	0.0249	<0.00363
Magnesium	5,677,778	NE	4,040	4,390	2,830	3,410	3,250	3,240	2,220	2,560	3,470	3,570	4,120	3,160	2,190	2,890	4,020	4,270
Manganese	160,183	NE	1,330	112	91.8	324	105	100	1,410	211	386	59.7	154	2,170	300	1,310	476	122
Molybdenum	6,489	NE	4	1.4 J	2.13	1.05	<0.634	1.3	1.77	0.752	1.16	<0.521	<0.534	1.25	0.929	1.94	1.71	0.206 J
Sodium	37,311,111	NE	8,550	4,690	3,760	1,240	2,150	1,320	2,240	501	2,920	4,660	3,050	5,060	<330	2,300	7,000	7,800
Nickel	25,682	NE	9.62	13 J	7.75	11.5	17.7	16.1	7.08	11	9.32	13.6	15.9	8.95	3.77	8.36	22.5	9.62
Lead	NE	NE	8.68	19.3	8.84	11.8	11	10.4	6.91	8.53	8.86	16.8	11.8	8.39	5.76 J	7.91	15.1	14.1
Selenium	6,489	NE	0.777 J	0.309 J	<0.293	<0.281	<0.288	<0.281	<2.12	<0.255	<0.287	<0.27	<0.276	<0.271	<0.253	<0.283	0.636 J	<0.273
Total Petroleum Hydrocarbons																		
Gasoline Range Organics [C6-C10]	500	100	<3.31	<2.36	<2.38	<2.35	<2.99	<3.02	<2.47	<2.38	<2.24	<2.42	<2.45	<2.41	<2.42	<2.41	48.2	<2.45
Diesel Range Organics [C10-C28]	3,000	100	<2.89	<2.97	3 J	6.74	<2.82	<2.76	<2.72	6.47	<2.84	<2.85	10.2	3.92 J	<2.49	<2.79	50.3	<2.7
Oil Range Organics [C24-C40]	3,000	100	<5.79	4.23 J	5.93	17.1	<2.82	2.89 J	5.05 J	8.63	6.18	<2.85	5.71	6.74	2.7 J	2.9 J	3.75 J	2.77 J
Total Petroleum Hydrocarbons	NE	100	<5.79	4.23	8.9	23.8	<2.82	2.89	5.05	15.1	6.18	<2.85	15.9	10.66	2.7	2.9	102.3	2.77

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	MW-14				MW-15				MW-16			MW-17		MW-18		
			1-2 ft bgs	15-16 ft bgs*	20-21 ft bgs*	25-26 ft bgs*	1-2 ft bgs	9-10 ft bgs	14-15 ft bgs	26-27 ft bgs*	1-2 ft bgs	10-11 ft bgs	14-15 ft bgs	0 - 1 ft bgs	9 - 10 ft bgs	0 - 1 ft bgs	10 - 11 ft bgs	19-20 ft bgs
		Sample Date	4/19/2017	4/20/2017	4/10/2017	4/10/2017	4/19/2017	4/12/2017	4/12/2017	4/12/2017	4/17/2017	4/12/2017	4/12/2017	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019
Volatile Organic Compounds																		
Benzene	87.2	10	<0.00103	<0.000685	0.265 J	0.024 J	<0.000923	7.59	1.58 J	3.28	<0.000837	1.34	0.00308 J	<0.00107	16.1 J	<0.00096	<0.000836	<0.000748
Toluene	61,110	NE	<0.00226	<0.0015	<0.0624	0.0157 J	<0.00202	<0.829	<0.691	8.57	<0.00183	2.51	<0.00123	<0.00235	187 J	<0.0021	<0.00183	<0.00164
Ethylbenzene	365	NE	<0.00167	<0.00111	0.95 J	0.00719 J	<0.00149	10.4	7.95	0.146 J	<0.00136	0.311	0.00584 J	<0.00173	29 J	<0.00155	<0.00135	<0.00121
Xylenes, Total	4,237	NE	<0.00185	<0.00123	1.15 J	0.038 J	0.00334 J	82	35.3	11.2	<0.0015	6.69	0.0849 J	<0.00192	420 J	<0.00172	<0.0015	<0.00134
Total BTEX	NE	50 ³	<0.00226	<0.0015	2.365	0.08489	0.00334 J	99.99	44.83	23.196	<0.00183	10.851	0.09382 J	<0.00235	652.1	<0.0021	<0.00183	<0.00164
Anions																		
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals																		
Aluminum	1,285,451	NE	12,400	14,900	16,600	17,600	14,200	13,400	11,600	13,100	14,700	14,900	7,270	11,600	6,510	15,700	13,500	13,000
Arsenic	35.88	NE	5.39	3.98	3.41	3.14	5.52	10.7	8.52	5.43	4.56	6.14	2.06	4.54	2.34	4.75	9.34	5.5
Boron	259,431	NE	4.45 J	4.05 J	1.18 J	1.88 J	3.09 J	2.2 J	1.81 J	2.38 J	2.84 J	1.69 J	0.913 J	<2.8 J	0.864	<2.54	<1.73	<1.69
Barium	254,671	NE	132	62.2	24.3	44.7	85.4 J	34.7	39	68.2	119	68.6	260	155	83.2	176	89.3	24.6
Calcium	40,555,556	NE	13,000	19,400	2,390	3,720	19,500 J	2,240	3,150	1,870	3,850	5,610	12,700	--	--	--	--	--
Cadmium	1,108	NE	0.2 J	0.723	0.131 J	0.0799 J	0.221 J	0.272 J	0.144 J	0.157 J	0.17 J	0.197 J	0.103 J	0.384	0.204	0.36	0.389	0.31
Cobalt	388	NE	6.53	7.44	15.2	10.4	8.62	10.9	7.82	10.1	7.26	9.48	14.3	10.9	13.2	9.76	31.9	11.5
Chromium	504.62	NE	8.2	7.86	7.51	6.23	6.72	6.94	6.33	4.97	7.74	7.03	5.32	6.53	3.73	7.28	8.84	8.68
Iron	908,444	NE	18,800	21,000	19,400	23,900	19,400	23,600	24,300	21,400	16,200	19,200 J	9,840	16,300	11,000	17,800	30,000	22,900
Potassium	76,244,444	NE	1,660	1,300	1,550	1,450	1,570 J	1,750	1,250	1,420	1,470	1,660	602	--	--	--	--	--
Mercury	111	NE	0.0286	0.0256	0.0389	0.0216	0.0334	0.0653	0.0524	0.0306	0.0164 J	0.024	<0.00391	<0.00387	<0.00391	0.0115 J	0.0846	0.0342
Magnesium	5,677,778	NE	3,970	3,950	4,030	4,170	4,120	3,620	2,690	3,010	5,130	3,390	2,410	--	--	--	--	--
Manganese	160,183	NE	282	695	137	171	423	84.7	97.6	98.1	256	135	473	442	4090 J	446	261	132
Molybdenum	6,489	NE	0.751	0.836	0.751	1.58	1.2 J	2.02	2.49	2.76	1.2	1.17	2.04	0.978	6.49	0.971	3.07	1.28
Sodium	37,311,111	NE	8,320	2,940	6,570	8,460	13,600	8,900	5,440	7,400	8,470	15,600	5,280	--	--	--	--	--
Nickel	25,682	NE	9.34	16.1	18.5	11.4	11.2	12.2	7.65	8.72	10.7	14.7 J	15.9	9.4	10.9	10.6	11.4	16.2
Lead	NE	NE	13.4	12.8	17.9	13.5	20.5	18.1	19.7	18.1	11	14.3	7.01	11.5	7.32	15.2	19.2	12.4
Selenium	6,489	NE	0.993 J	<0.255	<0.295	<0.259	0.523 J	<0.3	<0.286	<0.301	<0.252	0.833 J	<0.266	0.293	2.22	<0.296	<0.292	<0.286
Total Petroleum Hydrocarbons																		
Gasoline Range Organics [C6-C10]	500	100	<4.12	<2.88	22.4	<2.95	<3.22	1,910	472	124	<3.08	<3.62	<3.05	<3.22 J	3490	<3.15	<3.31	<3.06
Diesel Range Organics [C10-C28]	3,000	100	4.07 J	7.18	24.5	5.78	4.13 J	1,000	177	21.4	12.7	19.6	<2.73	76.9 J	100 J	<2.93	<2.92	3.13 J
Oil Range Organics [C24-C40]	3,000	100	<7.08	3.46 J	4.02 J	5.18 J	<7.94	18	4.93 J	6.39	12.6	6.64	3.15 J	81.2 J+	6.31	5.43 J	3.82 J	4.48 J
Total Petroleum Hydrocarbons	NE	100	4.07	10.64	50.9	10.96	4.13	2,928	654	151.8	25.3	26.24	3.15	158.1	3,596	5.43	3.82	7.61

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	MW-19			MW-20				MW-21			MW-22		
			0 - 1 ft bgs	10 - 11 ft bgs	18 - 19 ft bgs	0 - 1 ft bgs	10 - 11 ft bgs	19 - 20 ft bgs	29-30 ft bgs	0 - 1 ft bgs	10 - 11 ft bgs	19 - 20 ft bgs	0 - 1 ft bgs	10 - 11 ft bgs	18 - 19 ft bgs
		Sample Date	1/28/2019	1/29/2019	1/29/2019	1/29/2019	2/1/2019	2/1/2019	2/1/2019	1/29/2019	1/31/2019	1/31/2019	1/29/2019	2/2/2019	2/2/2019
Volatile Organic Compounds															
Benzene	87.2	10	<0.000705	<0.000745	<0.00162	<0.000808	<0.000653	<0.000668	<0.000685	<0.000704	0.00473 J	3.43	<0.000699	1.76	13.4 J
Toluene	61,110	NE	<0.00154	<0.00163	<0.00159	<0.00177	<0.00143	<0.00146	<0.0015	<0.00154	0.769	141	<0.00153	13.4	29.6 J
Ethylbenzene	365	NE	<0.00114	<0.00121	<0.00118	<0.00131	<0.00106	<0.00108	<0.00111	<0.00114	<0.00155	0.222 J	<0.00113	0.189 J	19.8 J
Xylenes, Total	4,237	NE	<0.00126	<0.00134	<0.0013	<0.00145	<0.00117	<0.0012	<0.00123	<0.00126	7.96	1,460	<0.00125	53.8	251 J
Total BTEX	NE	50 ³	<0.00154	<0.00163	<0.00159	<0.00177	<0.00143	<0.00146	<0.0015	<0.00154	8.73373	1,604.4	<0.00153	69.189	313.8
Anions															
Chloride	NE	600	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals															
Aluminum	1,285,451	NE	9,740	12,600	9,360	9,620	8,100	13,400	7,640	11,700	14,300	6,320	10,100	10,800	9,370
Arsenic	35.88	NE	2.48	6.44	5.88	3.02	4.29	4.14	7.93 J	4.39	3.17	0.974 J	3.79	2.3	1.48
Boron	259,431	NE	3.27 J-	1.94 J-	1.45 J	3.85 J	<1.28	<1.67	<1.48 J	2.69 J	2.66 J	1.88 J	<1.51	1.72 J	2.41 J
Barium	254,671	NE	44.8	32.3 J+	55.4	277	80	29.8	30.8	70.6	72.7	43.9	155	49.4	77.4
Calcium	40,555,556	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1,108	NE	0.226 J	0.287	0.597	0.198 J	0.211 J	0.45	0.301 J	0.36	0.345	0.203 J	0.284 J	0.525	0.303
Cobalt	388	NE	5.27 J	6.97	9.98	14.3	4.7	4.69	6.06	8.45	9.14	3.13	9.16	6.98	7.34 J
Chromium	504.62	NE	5.86 J	6.93	5.7	6.15	4.42	6.46	5.15 J	6.87	6.21	1.97	5.68	5.74	3.87
Iron	908,444	NE	13,300	18,700	20,700	14,100	15,100	19,500	20,500	19,200	25,000	11,900	16,400	33,100	17,000
Potassium	76,244,444	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	111	NE	0.00611 J	0.0232	0.0155 J	<0.00414	<0.00392	<0.00394	<0.00882	0.0361	0.0476	0.0328	<0.00424	0.0218	<0.00387
Magnesium	5,677,778	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	160,183	NE	235 J+	75.1	141	232	57.1	169	82.2 J	249	121	74.8	2,260	97.1	98.3
Molybdenum	6,489	NE	2.54	0.411 J	1.17	0.873	1.42	0.252 J	1.43 J	1.91	1.35	<0.532	0.829	0.592 J	0.932
Sodium	37,311,111	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	25,682	NE	5.59 J	9.33	11.8	7.74	5.35	12.8	4.4	9.37	6.11	2.01	9.73	4.99	6.41
Lead	NE	NE	9.16	17.9	11.9	9.85	8.37	13.4	8.53	14.6	21.4	14.5	10.6	7.34	9.3
Selenium	6,489	NE	<0.316	<0.292	<0.303	<0.284	<0.28	<0.278	<0.274 J	<0.311	0.305 J	<0.31	<0.3	<0.289	<0.286
Total Petroleum Hydrocarbons															
Gasoline Range Organics [C6-C10]	500	100	<3.43	<3.15	<3.36	<3.13	<2.91	<3.05	3.19 J	<3.68	134	3,280	<3.32	804	2,560
Diesel Range Organics [C10-C28]	3,000	100	11.8	<3	<2.96	2.98 J	<2.78	<2.81	2.18 J	3.68 J	20.8	1,560	<3	89.6	430 J
Oil Range Organics [C24-C40]	3,000	100	7.14	5.46 J	4.33 J	5.12 J	3.58 J	3.68 J	4.76 J	7.05	6.18	7.8	4.8 J	3.21 J	4.03 J
Total Petroleum Hydrocarbons	NE	100	18.94	5.46	4.33	8.1	3.58	3.68	10.13	10.73	160.98	4,848	4.8	896.81	2,994

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	MW-23					MW-24		MW-25			
			0 - 1 ft bgs	10 - 11 ft bgs	19 - 20 ft bgs	29 - 30 ft bgs	39 - 40 ft bgs	17.5 - 20 ft bgs	20 -22.5 ft bgs	9 - 11 ft bgs	13 - 15 ft bgs	19 - 21 ft bgs	38 - 39 ft bgs
		Sample Date	1/29/2019	2/2/2019	2/2/2019	2/2/2019	2/2/2019	7/22/2021	7/22/2021	7/22/2021	7/22/2021	7/22/2021	7/22/2021
Volatile Organic Compounds													
Benzene	87.2	10	<0.000706	<0.000804	<0.001	<0.000591	<0.000704	0.011	0.0040	0.00038 J	0.00046 J	0.0020	0.15
Toluene	61,110	NE	<0.00155	<0.00176	<0.0022	<0.00129	<0.00154	0.0036 J	0.011	0.0015 J	0.0019 J	0.0076	0.79
Ethylbenzene	365	NE	<0.00114	<0.0013	<0.00163	<0.000957	<0.00114	0.00062 J	0.0017	<0.00038	<0.00041	0.0016	0.18
Xylenes, Total	4,237	NE	<0.00127	<0.00144	<0.0018	<0.00106	<0.00126	0.0021 J	0.0093	0.0011 J	0.0015 J	0.0094	2.2
Total BTEX	NE	50 ³	<0.00155	<0.00176	<0.0022	<0.00129	<0.00154	0.01732	0.0260	0.00298	0.00386	0.0206	3.32
Anions													
Chloride	NE	600	--	--	--	--	--	7.0 J	12 J	13	12	13	25
Metals													
Aluminum	1,285,451	NE	10,600	10,200	20,500	6,090	14,500	16,000	11,000	5,300	8,300	9,500	19,000
Arsenic	35.88	NE	3.63	4.15	5.19	2.91	4.2	3.4	3.1	2.0	2.4	1.2	5.5
Boron	259,431	NE	2.16 J	5.92 J-	2.88 J	<1.48	2.18 J	3.1 J,F1,J-	2.1 J	<0.66	2.1 J	1.0 J	3.5 J
Barium	254,671	NE	188	120 J+	58.8	165	103	58 F1,J-	80	26	25	30	100
Calcium	40,555,556	NE	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1,108	NE	0.287	<0.0801	0.425	0.181 J	0.303	<0.25	<0.28	<0.26	<0.27	<0.22	<0.26
Cobalt	388	NE	12.1	6.25	35.30	7.49	9.54	3.8	4.8	5.3	5.5	14	11
Chromium	504.62	NE	5.50	5.49	6.35	3.01	3.60	7.3	5.9	3.8	7.7	4.8	6.9
Iron	908,444	NE	17,200	18,800	24,500	12,200	16,300	24,000	17,000	11,000	17,000	17,000	26,000
Potassium	76,244,444	NE	--	--	--	--	--	--	--	--	--	--	--
Mercury	111	NE	<0.00383	0.026	0.0251 J	<0.00359	0.0452	0.068 B	0.039 B	0.0065 J,B,J+	0.0067 J,B,J+	0.021 B,J+	0.042 B
Magnesium	5,677,778	NE	--	--	--	--	--	--	--	--	--	--	--
Manganese	160,183	NE	908	54.1	247	150	140	98 F1,J-	110	180	210	150	170
Molybdenum	6,489	NE	0.915	0.924	0.947	1.55	0.629	0.41 J	0.50 J	0.56 J	0.82 J	<0.097	1.7
Sodium	37,311,111	NE	--	--	--	--	--	--	--	--	--	--	--
Nickel	25,682	NE	10.4	5.69	12.8	6.05	13.4	5.4	7.2	4.5	4.7	7.5	15
Lead	NE	NE	12.1	11.1	27.6	7.95	17.3	9.9	14	4.4	7.2	10	16
Selenium	6,489	NE	<0.286	<0.305	<0.4	<0.254	<3.01	<0.53	1.6 J,B,J+	1.1 J,B,J+	<0.56	<0.46	1.3 J,B,J+
Total Petroleum Hydrocarbons													
Gasoline Range Organics [C6-C10]	500	100	<2.93	<3.2 J	<5.22	2.82 J	3.75 J	<2.8	<3.2	<2.8	<3.0	<2.8	47
Diesel Range Organics [C10-C28]	3,000	100	<2.81	<3.06	<4.11	<2.54	<2.97	<2.7	<3.1	<2.7	<3.0	<2.7	6.3 J
Oil Range Organics [C24-C40]	3,000	100	5.19 J	3.31 J	6.11 J	3.78 J	4.79 J	<3.8	<4.3	<3.8	<4.1	<3.7	6.9 J
Total Petroleum Hydrocarbons	NE	100	5.19	3.31	6.11	6.6	8.54	<3.8	<4.3	<3.8	<4.1	<3.7	60.2

Table 2
Summary of Soil Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte	New Mexico Industrial/Occupational Soil Screening Criteria ¹ (mg/kg)	NMOCD Recommended Remediation Action Level ² (mg/kg)	MW-26		MW-27			MW-28				DP-01	DP-05	DP-06	DP-07
			23 - 25 ft bgs	49 - 51 ft bgs	10 - 11 ft bgs	29 - 30 ft bgs	43 - 44 ft bgs	11 - 12 ft bgs	20 - 21 ft bgs	31 - 32 ft bgs	50 - 51 ft bgs	10 - 11 ft bgs	12.5-13.5 ft bgs	10 - 11 ft bgs	10 - 10.25 ft bgs
		Sample Date	7/23/2021	7/23/2021	7/26/2022	7/26/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022	7/27/2022	4/6/2022	4/7/2022	4/7/2022	4/7/2022
Volatile Organic Compounds															
Benzene	87.2	10	0.020	0.0083	<0.0055	<0.0056	<0.0059	<0.0051	<0.0055	<0.0055	1.1	<0.72	<0.75	<0.76	<0.71
Toluene	61,110	NE	0.056	1.2	<0.0055	<0.0056	<0.0059	<0.0051	<0.0055	<0.0055	1.7	<1.1	<1.1	1.2 J	<1.1
Ethylbenzene	365	NE	0.0061	0.10	<0.0055	<0.0056	<0.0059	<0.0051	<0.0055	<0.0055	12	<0.65	<0.68	<0.69	<0.64
Xylenes, Total	4,237	NE	0.036	5.2	<0.011	<0.011	<0.012	<0.010	<0.011	<0.011	18	<2.0	<2.1	<2.1	<2.0
Total BTEX	NE	50 ³	0.118	6.51	<0.011	<0.011	<0.012	<0.010	<0.011	<0.011	32.8	<2.0	<2.1	<2.1	<2.0
Anions															
Chloride	NE	600	21	15	<22	<22	<23	<21	<22	<22	65	13 J	<2.5	5.0 J	<2.5
Metals															
Aluminum	1,285,451	NE	15,000	14,000	9,900 B	13,000 B	20,000	10000 B	11,000	18,000	20,000	--	--	--	--
Arsenic	35.88	NE	14	2.2	7.3	6.0	4.1	13	1.7	3.7	4.4	--	--	--	--
Boron	259,431	NE	2.2 J	1.9 J	<11	<11	<11	<10	<10	<11	<11	--	--	--	--
Barium	254,671	NE	23	46	320	150	67	170	92	110	150	--	--	--	--
Calcium	40,555,556	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	1,108	NE	<0.25	<0.23	<0.53	<0.55	<0.56	<0.51	<0.50	<0.54	<0.53	--	--	--	--
Cobalt	388	NE	25	3.7	25	15	10	13	6.5	8.5	13	--	--	--	--
Chromium	504.62	NE	6.7	4.5	8.0	8.1	9.2	8.4	7.2	9.5	8.7	--	--	--	--
Iron	908,444	NE	29,000	21,000	17,000 B	23,000 B	27,000	22,000 B	21,000	19,000	22,000	--	--	--	--
Potassium	76,244,444	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	111	NE	0.062 F2,J	0.036	0.025	0.021	0.031	0.025	0.021	0.042	0.052	--	--	--	--
Magnesium	5,677,778	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	160,183	NE	220	160	830	220	200	68	86	83	130	--	--	--	--
Molybdenum	6,489	NE	1.8	1.5	1.4	1.2	2.3	2.4	<1.0	<1.1	2.7	--	--	--	--
Sodium	37,311,111	NE	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	25,682	NE	16	5.6	22	12	14	10	10	11	16	--	--	--	--
Lead	NE	NE	20	13	13	12	9.7	15	8.3	15	20	--	--	--	--
Selenium	6,489	NE	1.8 J,B,J+	<0.49	<2.1	<2.2	<2.2	<2.0	<2.0	<2.2	<2.1	--	--	--	--
Total Petroleum Hydrocarbons															
Gasoline Range Organics [C6-C10]	500	100	<2.9	91	<0.11	<0.11	<0.11	<0.099	<0.10	<0.11	560	<52	<53	<54	<53
Diesel Range Organics [C10-C28]	3,000	100	<2.8	12	<5.4	<5.5	60	<5.2	<5.3	<5.3	390 F1F2	5.7	6.7	<2.2	2.8 J
Oil Range Organics [C24-C40]	3,000	100	<3.9	<3.9	<5.4	<5.5	55	<5.2	<5.3	<5.3	130	<2.1	<2.2	<2.2	<2.1
Total Petroleum Hydrocarbons	NE	100	<3.9	103	<5.4	<5.5	115	<5.2	<5.3	<5.3	1,080	5.7	6.7	<54	2.8

* = Soil sample depth is below the water table.

¹ = New Mexico Environment Department, (NMED) Risk Assessment Guidance for Site Investigations and Remediation, Volume I, Soil Screening Guidance for Human Health Risk Assessments. Table A-1 NMED Soil Screening Levels, March 2019

² = Calculated following Section IV.A.2.b. of the NMOCD Guidelines for Remediation of Leaks, Spills and Releases. August 13, 1993. The Depth to Ground Water at the site is less than 50 feet, which generates a Total Ranking Score of 20 that indicates the listed Remediation Action Level is required.

³ = Calculated following Section IV.A.2.b. of the NMOCD Guidelines for Remediation of Leaks, Spills and Releases. August 13, 1993. The recommended Remediation Action Level is for a summation of all benzene, toluene, ethylbenzene and xylene (BTEX) compounds.

Shaded text indicates detected concentration exceeding the screening criteria or recommended action level

Bold text indicates detected concentration

< = Analyte was not detected above the method detection limit

-- = Sample not analyzed for specific analyte

B = Compound was found in the blank and sample

F1 = MS and/or MSD recovery exceeds control limits

F2 = MS/MSD RPD exceeds control limits

ft bgs = feet below ground surface

J = Analyte

J- = The

J+ = The

mg/kg = milligram(s) per kilogram

NE = not established

NMOCD = New Mexico Oil Conservation Division

USEPA = United States Environmental Protection Agency

Table 3
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

MonitoriNM Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)		
W-2	5284.43	9/25/2001	NA	NA	NA		
		8/15/2002	ND	57.55	5226.88		
		8/26/2003	ND	57.53	5226.90		
		8/27/2004	ND	57.76	5226.67		
		8/24/2005	ND	58.50	5225.93		
		8/10/2006	ND	58.72	5225.71		
		8/23/2007	ND	52.73	5231.70		
		8/27/2008	ND	55.53	5228.90		
		8/28/2009	ND	55.24	5229.19		
		8/26/2010	ND	52.80	5231.63		
		8/31/2011	ND	53.69	5230.74		
		12/19/2013	ND	55.31	5229.12		
		12/16/2014	ND	54.98	5229.45		
		12/15/2015	ND	54.31	5230.12		
		12/13/2016	ND	53.91	5230.52		
		7/05/2017	ND	55.00	5229.43		
		11/16/2017	ND	53.97	5230.46		
		1/28/2018	ND	55.02	5229.41		
		11/12/2018	ND	55.65	5228.78		
		3/11/2019	ND	57.21	5227.22		
		4/15/2019	ND	57.49	5226.94		
		10/14/2019	ND	54.74	5229.69		
		11/15/2020	ND	52.97	5231.46		
		11/08/2021	ND	53.60	5230.83		
		5/17/2022	ND	56.29	5228.14		
		10/30/2022	ND	52.36	5232.07		
MW-4	5286.88	9/25/2001	NA	NA	NA		
		8/15/2002	ND	52.93	5233.95		
		8/26/2003	ND	53.53	5233.35		
		8/27/2004	ND	54.44	5232.44		
		8/24/2005	ND	55.29	5231.59		
		8/10/2006	ND	55.57	5231.31		
		8/23/2007	ND	51.87	5235.01		
		8/27/2008	ND	52.24	5234.64		
		8/28/2009	ND	58.70	5228.18		
		8/26/2010	ND	52.32	5234.56		
		8/31/2011	ND	51.63	5235.25		
		12/19/2013	ND	52.00	5234.88		
		12/16/2014	ND	52.08	5234.80		
		12/15/2015	ND	51.62	5235.26		
		12/13/2016	ND	51.38	5235.50		
		7/05/2017	ND	52.26	5234.62		
		11/16/2017	ND	51.53	5235.35		
		1/28/2018	ND	52.03	5234.85		
		11/12/2018	ND	52.77	5234.11		
		3/11/2019	ND	53.70	5233.18		
		4/15/2019	ND	53.18	5233.70		
		10/14/2019	ND	53.12	5233.76		
		11/15/2020	ND	52.89	5233.99		
		11/08/2021	ND	52.70	5234.18		
		5/17/2022	ND	54.09	5232.79		
		10/30/2022	ND	53.59	5233.29		
MW-5	5257.44	2/10/1998	ND	16.29	5241.15		
		5/12/1998	ND	16.09	5241.35		
		8/7/1998	ND	17.69	5239.75		
		11/4/1998	ND	16.76	5240.68		
		2/10/1999	ND	15.51	5241.93		
		5/17/1999	ND	15.49	5241.95		
		8/18/1999	ND	16.67	5240.77		
		11/30/1999	ND	16.60	5240.84		
		4/10/2000	ND	15.52	5241.92		
		6/29/2000	ND	16.83	5240.61		
		9/29/2000	ND	17.58	5239.86		
		12/21/2000	ND	16.38	5241.06		
		3/27/2001	ND	15.13	5242.31		
		6/27/2001	ND	16.04	5241.40		
		9/25/2001	ND	17.39	5240.05		
		11/29/2001	ND	17.45	5239.99		
		1/25/2002	ND	17.73	5239.71		
		8/15/2002	ND	18.61	5238.83		
		8/26/2003	ND	17.33	5240.11		
		8/27/2004	ND	16.80	5240.64		
		8/24/2005	ND	13.83	5243.61		
		8/10/2006	NA	NA	NA		
		8/23/2007	ND	14.42	5243.02		
		Well destroyed prior to May 2008					

Table 3
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

MonitoriNM Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-6	5308.71	9/25/2001	NA	NA	NA
		8/15/2002	ND	31.50	5277.21
		8/26/2003	ND	31.76	5276.95
		8/27/2004	ND	31.85	5276.86
		8/24/2005	ND	29.93	5278.78
		8/10/2006	ND	30.37	5278.34
		8/23/2007	ND	30.70	5278.01
		11/15/2020	ND	33.03	5275.68
		8/27/2008	ND	31.27	5277.44
		8/28/2009	ND	31.44	5277.27
		8/26/2010	ND	31.55	5277.16
		8/31/2011	ND	31.47	5277.24
		12/19/2013	ND	30.98	5277.73
		12/16/2014	ND	31.55	5277.16
		12/15/2015	ND	31.55	5277.16
		12/13/2016	ND	32.00	5276.71
		7/05/2017	ND	32.34	5276.37
		11/16/2017	ND	32.21	5276.50
		1/28/2018	ND	32.32	5276.39
		11/12/2018	ND	32.69	5276.02
		3/11/2019	ND	32.51	5276.20
		4/15/2019	ND	32.52	5276.19
		10/14/2019	ND	32.72	5275.99
		11/15/2020	ND	33.03	5275.68
		11/08/2021	ND	33.19	5275.52
		5/17/2022	ND	33.13	5275.58
		10/30/2022	ND	33.22	5275.49
MW-7	5293.13	9/25/2001	NA	NA	NA
		8/15/2002	ND	27.07	5266.06
		8/26/2003	ND	27.00	5266.13
		8/27/2004	ND	23.55	5269.58
		8/24/2005	ND	19.48	5273.65
		10/08/2006	ND	20.33	5272.80
MW-8	5262.72	Well plugged in May 2007			
		2/10/1998	ND	10.39	5252.33
		5/12/1998	ND	10.02	5252.70
		8/7/1998	ND	10.13	5252.59
		11/4/1998	ND	10.75	5251.97
		2/10/1999	ND	11.31	5251.41
		5/17/1999	ND	10.93	5251.79
		8/18/1999	ND	10.44	5252.28
		11/30/1999	ND	11.10	5251.62
		4/10/2000	ND	11.70	5251.02
		6/29/2000	ND	11.16	5251.56
		9/29/2000	NA	NA	NA
		12/21/2000	ND	11.96	5250.76
		3/27/2001	ND	12.32	5250.40
		6/27/2001	ND	11.49	5251.23
		9/25/2001	ND	11.06	5251.66
		10/29/2001	ND	11.31	5251.41
		1/25/2002	ND	12.35	5250.37
		5/23/2002	ND	12.60	5250.12
		8/15/2002	ND	12.90	5249.82
		3/6/2003	ND	12.79	5249.93
		5/15/2003	ND	12.25	5250.47
		8/26/2003	ND	11.16	5251.56
		11/25/2003	ND	12.79	5249.93
		5/18/2004	ND	12.02	5250.70
		8/27/2004	ND	6.26	5256.46
		11/17/2004	ND	6.46	5256.26
		2/17/2005	ND	7.43	5255.29
		5/19/2005	ND	3.56	5259.16
		8/24/2005	ND	6.02	5256.70
		11/9/2005	ND	8.38	5254.34
		2/20/2006	ND	8.55	5254.17
		5/24/2006	ND	6.31	5256.41
		8/10/2006	ND	6.80	5255.92
		12/27/2006	ND	4.94	5257.78
		2/27/2007	ND	5.40	5257.32
		5/25/2007	ND	6.28	5256.44
		8/23/2007	ND	9.25	5253.47
		11/28/2007	ND	12.16	5250.56
		2/13/2008	ND	10.41	5252.31
		5/8/2008	ND	10.40	5252.32
		8/27/2008	ND	11.15	5251.57
		11/18/2008	ND	11.90	5250.82
		2/18/2009	ND	13.60	5249.12
		5/5/2009	ND	13.07	5249.65
		8/28/2009	ND	13.75	5248.97
		11/4/2009	ND	18.58	5244.14
		2/18/2010	ND	21.19	5241.53
		5/26/2010	ND	13.72	5249.00
		8/26/2010	ND	20.64	5242.08
		9/11/2010	ND	21.60	5241.12
		12/19/2013	ND	15.11	5247.61
		12/16/2014	ND	15.90	5246.82
		12/15/2015	ND	15.05	5247.67
		12/13/2016	ND	14.92	5247.80
		07/05/2017	ND	16.24	5246.48
		11/16/2017	ND	17.09	5245.63
		01/28/2018	ND	17.55	5245.17
		11/12/2018	ND	17.90	5244.82
		3/11/2019	ND	18.35	5244.37
		4/15/2019	ND	18.59	5244.13
		10/14/2019	ND	18.76	5243.96
		11/15/2020	ND	19.47	5243.25
		11/08/2021	ND	20.10	5242.62
		5/17/2022	ND	20.50	5242.22
		10/30/2022	ND	20.69	5242.03

Table 3
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

MonitoriNM Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-9	5264.26	2/10/1998	ND	4.90	5259.36
		5/12/1998	ND	4.22	5260.04
		8/7/1998	ND	5.12	5259.14
		11/4/1998	ND	4.60	5259.66
		2/10/1999	ND	4.67	5259.59
		5/17/1999	ND	4.48	5259.78
		8/18/1999	ND	4.85	5259.41
		11/30/1999	ND	5.38	5258.88
		4/10/2000	ND	4.74	5259.52
		6/29/2000	ND	5.47	5258.79
		9/29/2000	NA	NA	NA
		12/21/2000	ND	5.82	5258.44
		3/27/2001	ND	5.34	5258.92
		6/27/2001	ND	5.68	5258.58
		9/25/2001	ND	6.77	5257.49
		10/29/2001	ND	6.91	5257.35
		12/26/2001	ND	5.68	5258.58
		1/25/2002	ND	7.27	5256.99
		2/21/2002	NA	NA	NA
		5/23/2002	ND	5.45	5258.81
		8/15/2002	ND	6.93	5257.33
		3/6/2003	ND	6.82	5257.44
		5/15/2003	ND	5.45	5258.81
		8/26/2003	ND	6.69	5257.57
		11/25/2003	ND	6.42	5257.84
		5/18/2004	ND	5.97	5258.29
		8/27/2004	ND	6.49	5257.77
		11/17/2004	ND	6.02	5258.24
		2/17/2005	ND	5.69	5258.57
		5/19/2005	ND	4.78	5259.48
		8/24/2005	ND	5.19	5259.07
		11/9/2005	ND	4.93	5259.33
		2/20/2006	ND	4.83	5259.43
		5/24/2006	ND	4.47	5259.79
		8/10/2006	ND	5.19	5259.07
		12/27/2006	ND	4.13	5260.13
		2/27/2007	ND	4.24	5260.02
		5/25/2007	ND	3.81	5260.45
		8/23/2007	ND	4.85	5259.41
		11/28/2007	ND	5.13	5259.13
		2/13/2008	ND	5.28	5258.98
		5/8/2008	ND	4.71	5259.55
		8/27/2008	ND	6.06	5258.20
		11/18/2008	ND	6.53	5257.73
		2/18/2009	ND	6.69	5257.57
		5/5/2009	ND	12.18	5252.08
		8/28/2009	ND	16.54	5247.72
		11/4/2009	ND	16.63	5247.63
		2/18/2010	ND	16.18	5248.08
		5/26/2010	ND	16.36	5247.90
		8/26/2010	ND	16.93	5247.33
		11/9/2010	ND	15.28	5248.98
		2/7/2011	ND	15.17	5249.09
		5/16/2011	ND	14.75	5249.51
		8/31/2011	ND	14.46	5249.80
		11/8/2011	ND	14.45	5249.81
		2/22/2012	ND	14.09	5250.17
		12/19/2013	ND	12.97	5251.29
		12/16/2014	ND	12.86	5251.40
		12/15/2015	ND	11.83	5252.43
		12/13/2016	ND	11.16	5253.10
		7/05/2017	ND	11.34	5252.92
		11/16/2017	ND	10.37	5253.89
		1/28/2018	ND	10.54	5253.72
		11/12/2018	ND	10.34	5253.92
		3/11/2019	ND	10.14	5254.12
		4/15/2019	ND	9.70	5254.56
		10/14/2019	ND	10.20	5254.06
		11/15/2020	ND	10.26	5254.00
		11/08/2021	ND	9.95	5254.31
		5/17/2022	ND	9.41	5254.85
		10/30/2022	ND	9.38	5254.88
MW-11	5290.46	7/05/2017	ND	28.08	5262.38
		11/16/2017	ND	25.88	5264.58
		1/28/2018	ND	25.90	5264.56
		11/12/2018	ND	26.06	5264.40
		3/11/2019	ND	25.38	5265.08
		4/15/2019	ND	25.11	5265.35
		10/14/2019	ND	25.54	5264.92
		8/20/2020	ND	26.32	5264.14
		11/15/2020	ND	26.29	5264.17
		11/08/2021	ND	26.03	5264.43
MW-12	5282.8	5/17/2022	ND	25.29	5265.17
		10/30/2022	ND	25.00	5265.46
		7/05/2017	ND	20.62	5262.18
		11/16/2017	ND	19.53	5263.27
		1/28/2018	ND	19.21	5263.59
		11/12/2018	ND	18.92	5263.88
		3/11/2019	ND	19.10	5263.70
		4/15/2019	ND	18.78	5264.02
		10/14/2019	ND	19.82	5262.98
		11/15/2020	ND	20.44	5262.36
		11/08/2021	20.35	20.36	5262.44
		3/22/2022	ND	19.20	5263.60
		4/04/2022	ND	19.10	5263.70
		5/17/2022	ND	19.31	5263.49
		10/30/2022	ND	19.39	5263.41

Table 3
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

MonitoriNM Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-13	5279.31	7/05/2017	ND	23.35	5255.96
		11/16/2017	ND	21.17	5258.14
		1/28/2018	ND	20.63	5258.68
		11/12/2018	ND	19.95	5259.36
		3/11/2019	ND	19.19	5260.12
		4/15/2019	ND	19.23	5260.08
		10/14/2019	ND	19.32	5259.99
		11/15/2020	ND	19.86	5259.45
		11/08/2021	ND	20.64	5258.67
		5/17/2022	ND	20.98	5258.33
		10/30/2022	ND	20.9	5258.41
MW-14	5270.58	7/05/2017	ND	10.65	5259.93
		11/16/2017	ND	8.96	5261.62
		1/28/2018	ND	9.01	5261.57
		11/12/2018	ND	9.95	5260.63
		3/11/2019	ND	8.43	5262.15
		4/15/2019	ND	8.18	5262.40
		10/14/2019	ND	8.90	5261.68
		11/15/2020	ND	9.13	5261.45
		11/08/2021	ND	8.78	5261.80
		5/17/2022	ND	8.46	5262.12
		10/30/2022	ND	7.96	5262.62
MW-15	5273.45	7/05/2017	ND	28.01	5245.44
		11/16/2017	ND	27.65	5245.80
		1/28/2018	ND	27.29	5246.16
		11/12/2018	ND	26.84	5246.61
		3/11/2019	ND	26.21	5247.24
		4/15/2019	ND	26.11	5247.34
		10/14/2019	ND	26.59	5246.86
		11/15/2020	ND	13.48	5259.97
		11/08/2021	ND	26.48	5246.97
		5/17/2022	ND	26.03	5247.42
		10/30/2022	ND	26.39	5247.06
MW-16	5265.34	7/05/2017	ND	23.63	5241.71
		11/16/2017	ND	23.16	5242.18
		1/28/2018	ND	23.05	5242.29
		11/12/2018	ND	22.95	5242.39
		3/11/2019	ND	22.73	5242.61
		4/15/2019	ND	22.74	5242.60
		10/14/2019	ND	23.02	5242.32
		11/15/2020	ND	23.00	5242.34
		11/08/2021	ND	22.92	5242.42
		5/17/2022	ND	22.89	5242.45
		10/30/2022	ND	22.87	5242.47
MW-17	5263.95	3/11/2019	ND	27.56	5236.39
		4/15/2019	ND	27.60	5236.35
		10/14/2019	ND	27.70	5236.25
		11/15/2020	ND	Dry @ 28.37 feet	NA
		11/08/2021	ND	Dry @ 28.34 feet	NA
		5/17/2022	ND	Dry @ 28.33 feet	NA
		10/30/2022	ND	28.36	5235.59
MW-18	5269.08	3/11/2019	ND	13.55	5255.53
		4/15/2019	ND	13.39	5255.69
		10/14/2019	ND	13.76	5255.32
		11/15/2020	ND	13.50	5255.58
		11/08/2021	ND	13.16	5255.92
		5/17/2022	ND	12.72	5256.36
		10/30/2022	ND	13.70	5255.38
MW-19	5278.94	3/11/2019	ND	13.54	5265.40
		4/15/2019	ND	13.22	5265.72
		10/14/2019	ND	14.01	5264.93
		11/15/2020	ND	14.49	5264.45
		11/08/2021	ND	14.12	5264.82
		5/17/2022	ND	13.76	5265.18
		10/30/2022	ND	13.20	5265.74
MW-20	5292.23	3/11/2019	38.7	40.02	5253.20
		4/15/2019	34.3	35.47	5257.64
		10/14/2019	26.5	26.71	5265.68
		8/20/2020	26.98	28.16	5264.96
		11/15/2020	27.72	28.51	5264.31
		3/17/2021	24.37	24.50	5267.83
		5/20/2021	27.00	27.08	5265.21
		8/29/2021	27.37	27.41	5264.85
		11/08/2021	27.19	27.23	5265.03
		3/22/2022	26.56	26.60	5265.66
		4/04/2022	26.52	26.55	5265.70
		5/17/2022	26.60	26.63	5265.62
		10/30/2022	26.38	26.40	5265.85
		3/11/2019	ND	36.50	5239.56
MW-21	5276.06	4/15/2019	ND	33.53	5242.53
		10/14/2019	ND	28.98	5247.08
		11/15/2020	ND	28.52	5247.54
		11/08/2021	28.63	28.68	5247.42
		3/22/2022	28.45	28.49	5247.60
		4/04/2022	28.57	28.60	5247.48
		5/17/2022	28.41	28.44	5247.64
		10/30/2022	28.60	28.64	5247.45
MW-22	5269.13	3/11/2019	Dry	Dry	NA
		4/15/2019	ND	37.24	5231.89
		10/14/2019	Dry	Dry	NA
		8/20/2020	Dry	Dry	NA
		11/15/2020	ND	36.68	5232.45
		11/08/2021	ND	36.49	5232.64
		5/17/2022	ND	37.02	5232.11
		10/30/2022	ND	37.06	5232.07

Table 3
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

MonitoriNM Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-23	5287.76	3/11/2019	ND	57.91	5229.85
		4/15/2019	ND	58.05	5229.71
		10/14/2019	ND	Dry	NA
		8/20/2020	Dry	Dry	NA
		11/15/2020	ND	Dry @ 61 feet	NA
		11/08/2021	ND	Dry @ ~61 feet	NA
		5/17/2022	ND	Dry @ 57.81 feet	NA
		10/30/2022	ND	Dry @ 60.50 feet	NA
MW-24	5290.19	8/29/2021	ND	21.42	5268.77
		11/08/2021	ND	20.80	5269.39
		5/17/2022	ND	20.50	5269.69
		10/30/2022	ND	19.52	5270.67
MW-25	5288.45	8/29/2021	ND	43.07	5245.38
		11/08/2021	ND	21.03	5267.42
		5/17/2022	ND	20.50	5267.95
		10/30/2022	ND	19.64	5268.81
MW-26	5295.98	8/29/2021	ND	51.00	5244.98
		11/08/2021	ND	42.30	5253.68
		5/17/2022	ND	30.26	5265.72
		10/30/2022	ND	29.80	5266.18
MW-27	5304.67	8/01/2022	ND	60.95	5243.72
		10/30/2022	ND	56.37	5248.30
MW-28	5297.55	8/01/2022	60.84	60.87	5236.68
		10/30/2022	ND	40.78	5256.77
PMW-1a	5298.09	7/05/2017	ND	70.91	5227.18
		11/16/2017	ND	70.43	5227.66
		1/28/2018	ND	70.03	5228.06
		11/12/2018	ND	67.98	5230.11
		3/11/2019	ND	65.83	5232.26
		4/15/2019	ND	66.61	5231.48
		10/14/2019	ND	66.05	5232.04
		11/15/2020	NM	NM	NM
		5/17/2022	NM	NM	NM
		10/30/2022	NM	NM	NM
PMW-2	5298.14	7/05/2017	ND	44.69	5253.45
		11/16/2017	ND	44.01	5254.13
		1/28/2018	ND	43.53	5254.61
		11/12/2018	ND	44.29	5253.85
		3/11/2019	ND	41.97	5256.17
		4/15/2019	ND	41.83	5256.31
		10/14/2019	ND	41.70	5256.44
		11/15/2020	NM	NM	NM
		5/17/2022	NM	NM	NM
		10/30/2022	NM	NM	NM
PMW-4a	5287.86	7/05/2017	ND	109.00	5178.86
		11/16/2017	ND	>100	NA
		1/28/2018	ND	104.84	5183.02
		11/12/2018	ND	117.03	5170.83
		3/11/2019	ND	101.17	5186.69
		4/15/2019	ND	101.90	5185.96
		10/14/2019	ND	101.97	5185.89
		11/15/2020	NM	NM	NM
		5/17/2022	NM	NM	NM
		10/30/2022	NM	NM	NM

Notes:

Groundwater elevation is calculated by: [Top of casing elevation – depth to water + (free product thickness × 0.75)]

ft amsl = feet above mean sea level

ft btoc = feet below top of casing

LNAPL = Light non-aqueous phase liquid

NA = Historical data not available

ND = not detected

NM = not measured

TOC = top of casing

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
W-2	9/25/2001	<0.002	<0.002	<0.002	<0.002	--	--	--
	8/15/2002	0.0014	0.0004	0.0008	0.001	--	--	--
	8/26/2003	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/27/2004	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/24/2005	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/10/2006	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/23/2007	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/27/2008	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/28/2009	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/26/2010	<0.002	<0.002	<0.002	<0.006	--	--	--
	8/31/2011	<0.001	<0.001	<0.001	<0.0030	--	--	--
	12/19/2013	<0.00008	<0.00015	<0.00011	<0.00026	--	--	--
	12/18/2014	<0.00008	<0.00015	<0.00011	<0.00026	--	--	--
	12/15/2015	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	12/13/2016	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	7/06/2017	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2017	<0.000202	<0.000198	<0.000212	<0.000366	--	--	--
	11/13/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	3/11/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	0.00052 J	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00041 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-4	9/25/2001	<0.002	0.0082	0.0043	0.017	--	--	--
	8/15/2002	0.0008	0.0005	0.0011	0.0009	--	--	--
	8/26/2003	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/27/2004	<0.001	<0.001	<0.001	<0.0030	--	--	--
	8/24/2005	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/10/2006	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/23/2007	0.00037 J	<0.001	<0.001	<0.002	--	--	--
	8/27/2008	<0.001	<0.001	<0.001	<0.0030	--	--	--
	8/28/2009	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/26/2010	<0.002	<0.002	<0.002	<0.006	--	--	--
	8/31/2011	<0.001	<0.001	<0.001	<0.0030	--	--	--
	12/19/2013	0.000208 J	<0.00015	<0.00011	<0.00026	--	--	--
	12/18/2014	0.000235	<0.00015	<0.00011	<0.00026	--	--	--
	12/15/2015	0.00021 J	<0.000198	<0.000212	<0.000366	--	--	--
	12/13/2016	0.000176 J	0.000198 J	0.000212 J	0.000366 J	--	--	--
	7/06/2017	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2017	<0.000265	<0.000198	<0.000212	<0.000366	--	--	--
	11/13/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	3/11/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	0.00248 J	0.000426 J	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	0.0014	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
MW-6	9/25/2001	0.0021	0.005	<0.002	<0.002	--	--	--
	8/15/2002	0.0003	<0.0005	<0.0005	0.0009	--	--	--
	8/26/2003	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/27/2004	<0.001	<0.001	<0.001	<0.003	--	--	--
	24/08/2005	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/10/2006	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/23/2007	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/27/2008	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/28/2009	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/26/2010	<0.002	<0.002	<0.002	<0.006	--	--	--
	8/31/2011	<0.001	<0.001	<0.001	<0.003	--	--	--
	12/19/2013	<0.00008	<0.00015	<0.00011	<0.00026	--	--	--
	12/18/2014	0.0000812	<0.00015	<0.00011	<0.00026	--	--	--
	12/15/2015	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	12/13/2016	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	7/06/2017	<0.000176	<0.000198	<0.000212	0.000585 J	<0.05	0.179	<0.0989
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	0.0869 J	<0.0858
	11/12/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	3/11/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00051 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-8	2/10/1998	0.316	<0.001	0.0094	0.0284	--	--	--
	5/12/1998	0.449	<0.001	0.0139	0.0629	--	--	--
	8/7/1998	0.509	<0.001	0.0071	0.0429	--	--	--
	11/4/1998	0.408	<0.001	<0.001	0.0145	--	--	--
	2/10/1999	0.261	<0.001	<0.001	0.0061	--	--	--
	5/17/1999	0.205	0.00102	<0.001	0.00725	--	--	--
	8/18/1999	0.265	0.00209	0.00106	0.0096	--	--	--
	11/30/1999	0.26	<0.002	0.0021	0.0160	--	--	--
	4/10/2000	0.2	0.0044	<0.002	0.0095	--	--	--
	6/29/2000	0.024	<0.002	<0.002	<0.002	--	--	--
	9/29/2000	0.284	<0.002	6.6	<0.002	--	--	--
	12/21/2000	<0.002	<0.002	<0.002	0.0067	--	--	--
	3/27/2001	0.015	<0.002	<0.002	<0.002	--	--	--
	6/27/2001	0.085	<0.002	<0.002	<0.002	--	--	--
	9/25/2001	0.03	0.0037	<0.002	<0.002	--	--	--
	10/29/2001	0.053	<0.0005	0.0047	<0.0005	--	--	--
	1/25/2002	0.11	<0.0005	0.0023	0.0098	--	--	--
	5/23/2002	0.2	<0.0025	0.0079	0.017	--	--	--
	8/15/2002	0.8	<0.0005	0.0044	0.0073	--	--	--
	3/6/2003	0.3	0.0004	0.002	0.0027	--	--	--
	5/15/2003	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/26/2003	0.891	<0.001	0.0266	0.0131	--	--	--
	11/25/2003	0.0819	<0.001	0.0023	0.0052	--	--	--
	5/18/2004	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/27/2004	<0.001	<0.001	<0.001	<0.003	--	--	--
	11/17/2004	0.157	<0.001	0.0136	0.027	--	--	--
	2/17/2005	0.159	<0.001	0.0059	0.0138	--	--	--
	5/19/2005	<0.001	0.0017	0.0034	0.001 J	--	--	--
	8/24/2005	<0.001	<0.001	0.0026	<0.002	--	--	--
	11/9/2005	0.164	0.00036 J	0.011	0.03	--	--	--
	2/20/2006	0.0852	<0.001	0.0083	0.0176	--	--	--
	5/24/2006	36.3	<0.001	0.005	0.0097	--	--	--
	8/10/2006	0.00057 J	<0.001	0.0034	0.0064	--	--	--
	12/27/2006	0.0256	<0.001	0.0046	0.009	--	--	--
	2/27/2007	0.0281	<0.001	0.0055	0.0114	--	--	--
	5/25/2007	0.0196	<0.001	0.005	0.0098	--	--	--

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
MW-8 (Cont'd)	8/23/2007	<0.005	<0.005	<0.005	<0.010	--	--	--
	11/28/2007	<0.002	<0.002	<0.002	0.00045 J	--	--	--
	2/13/2008	0.006	<0.002	0.00071 J	<0.006	--	--	--
	5/8/2008	<0.001	<0.001	<0.001	<0.002	--	--	--
	8/27/2008	<0.001	<0.001	<0.001	<0.003	--	--	--
	11/18/2008	<0.002	<0.002	<0.002	<0.006	--	--	--
	2/18/2009	0.00065 J	<0.001	<0.001	<0.002	--	--	--
	5/5/2009	0.00024 J	<0.001	<0.001	<0.002	--	--	--
	8/28/2009	<0.001	<0.001	<0.001	<0.002	--	--	--
	11/4/2009	<0.001	<0.001	<0.001	<0.002	--	--	--
	2/18/2010	<0.001	<0.001	<0.001	<0.002	--	--	--
	5/26/2010	0.00081 J	<0.002	<0.002	<0.006	--	--	--
	8/26/2010	<0.002	<0.002	<0.002	<0.006	--	--	--
	11/9/2010	<0.002	<0.002	<0.002	<0.006	--	--	--
	19/12/2013	0.003	<0.00015	<0.00011	<0.00026	--	--	--
	12/18/2014	<0.00008	<0.00015	<0.00011	<0.00026	--	--	--
	12/15/2015	0.000802 J	<0.000198	<0.000212	<0.000366	--	--	--
	12/13/2016	0.00184	<0.000198	<0.000212	<0.000366	--	--	--
	7/06/2017	0.000814 J	<0.000198	<0.000212	<0.000366	<0.05	<0.0989	<0.0989
	11/16/2017	<0.000538	<0.000198	<0.000212	<0.000366	<0.05	0.125	<0.0875
	11/12/2018	0.00141	<0.000198	<0.000212	<0.000366	--	--	--
	3/12/2019	0.000957 J	<0.000198	<0.000212	<0.000366	--	--	--
	10/14/2019	0.000781 J	<0.000198	0.000266 J	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-9	2/10/1998	0.0731	<0.001	0.0071	0.0075	--	--	--
	5/12/1998	0.0895	<0.001	0.00851	0.00561	--	--	--
	8/7/1998	0.077	<0.001	0.00708	0.005	--	--	--
	11/4/1998	0.0898	<0.001	0.00942	0.0109	--	--	--
	2/10/1999	0.077	<0.001	0.0081	0.006	--	--	--
	5/17/1999	0.0783	<0.001	0.00754	0.00363	--	--	--
	8/18/1999	0.0764	<0.001	0.00721	0.00497	--	--	--
	11/30/1999	0.082	<0.002	0.0075	0.0053	--	--	--
	4/10/2000	0.048	0.0021	0.0047	0.0059	--	--	--
	6/29/2000	0.1	<0.002	0.0092	<0.002	--	--	--
	9/29/2000	0.095	<0.002	0.011	0.009	--	--	--
	12/21/2000	0.086	<0.002	0.0071	0.012	--	--	--
	3/27/2001	0.061	<0.002	0.0057	<0.002	--	--	--
	6/27/2001	0.087	<0.002	0.0077	<0.002	--	--	--
	9/25/2001	0.023	0.002	0.0022	<0.002	--	--	--
	10/29/2001	0.12	<0.0005	0.0024	0.0051	--	--	--
	12/26/2001	0.034	0.0011	0.0099	0.017	--	--	--
	1/25/2002	0.022	<0.0005	0.0044	0.003	--	--	--
	2/21/2002	0.048	<0.0005	0.0074	0.0045	--	--	--
	5/23/2002	0.0014	<0.0005	<0.0005	<0.001	--	--	--
	8/15/2002	0.0117	<0.0005	0.0021	0.0009	--	--	--
	3/6/2003	0.0002	0.0002	<0.001	0.0008	--	--	--
	5/15/2003	<0.001	<0.001	<0.001	<0.003	--	--	--
	8/26/2003	0.0293	<0.001	<0.001	<0.003	--	--	--
	11/25/2003	0.0086	<0.001	0.0011	<0.003	--	--	--
	5/18/2004	0.0152	<0.001	0.0025	<0.003	--	--	--
	8/27/2004	0.0295	<0.001	0.004	0.0018	--	--	--
	11/17/2004	0.0359	<0.001	0.0052	0.0022	--	--	--
	2/17/2005	0.0517	<0.001	0.0083	0.0037	--	--	--
	5/19/2005	0.133	<0.001	0.0289	0.0135	--	--	--
	8/24/2005	0.0565	<0.001	0.0126	0.0049	--	--	--
	11/9/2005	0.076	<0.001	0.0188	0.0069	--	--	--
	2/20/2006	0.0779	<0.001	0.0191	0.0071	--	--	--
	5/24/2006	0.0734	<0.001	0.0177	0.0066	--	--	--

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
MW-9 (Cont'd)	8/10/2006	0.0887	<0.001	0.0225	0.0093	--	--	--
	12/27/2006	0.0769	<0.001	0.019	0.0063	--	--	--
	2/27/2007	0.0448	<0.001	0.0092	0.0028	--	--	--
	5/25/2007	0.082	<0.001	0.0196	0.0065	--	--	--
	8/23/2007	0.0881	<0.001	0.0212	0.0138	--	--	--
	11/28/2007	0.0909	<0.002	0.0204	0.007	--	--	--
	2/13/2008	0.0844	<0.002	0.0221	0.0092	--	--	--
	5/8/2008	0.0718	<0.001	0.0202	0.008	--	--	--
	8/27/2008	0.0879	<0.001	0.0234	0.0107	--	--	--
	11/18/2008	0.0953	<0.002	0.0228	0.0095	--	--	--
	2/18/2009	0.0913	<0.001	0.0257	0.0095	--	--	--
	5/5/2009	0.0554	0.00042 J	0.0137	0.0068	--	--	--
	8/28/2009	0.0631	<0.001	0.009	0.0046	--	--	--
	11/4/2009	0.0694	<0.001	0.0092	0.0042	--	--	--
	2/18/2010	0.0707	<0.001	0.0087	0.0052	--	--	--
	5/26/2010	0.0918	<0.002	0.0188	0.0109	--	--	--
	8/26/2010	0.0723	<0.002	0.0128	0.0045 J	--	--	--
	11/9/2010	0.0866	0.00066 J	0.0187	0.0099	--	--	--
	2/7/2011	0.0901	<0.002	0.0225	0.0102	--	--	--
	5/16/2011	0.0995	<0.001	0.0307	0.0179	--	--	--
	8/31/2011	0.112	<0.001	0.0356	0.0172	--	--	--
	11/8/2011	0.113	<0.001	0.0376	0.0189	--	--	--
	2/22/2012	0.136	<0.001	0.0462	0.022	--	--	--
	12/19/2013	0.186	0.000246 J	0.0575	0.015	--	--	--
	12/18/2014	0.0461	<0.00015	0.0183	0.0155	--	--	--
	12/15/2015	0.104	0.00023 J	0.0415	0.0142	--	--	--
	12/13/2016	0.097	<0.000198	0.0374	0.0103	--	--	--
	7/06/2017	0.103	<0.000198	0.0429	0.0215	0.638	0.349	<0.0948
	11/16/2017	0.127	<0.000198	0.0397	0.0108	0.613	0.183	<0.085
	11/12/2018	0.124	<0.000198	0.05240	0.0051	--	--	--
	3/12/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/14/2019	0.130	<0.000198	0.0590	0.0120	--	--	--
	11/16/2020	0.079	<0.00041	0.0410	0.0062 J	--	--	--
	11/16/2020 (duplicate)	0.083	<0.00041	0.0350	0.0052 J	--	--	--
	11/08/2021	0.042	<0.00041	0.022	0.0034 J	--	--	--
	11/8/2021 (Dup-01)	0.038	<0.00041	0.017	0.0027 J	--	--	--
	5/19/2022	0.025	0.00042 J	0.021	0.0038 J	--	--	--
	5/19/2022 (Dup-01)	0.024	<0.00041	0.021	0.0038 J	--	--	--
	10/31/2022	0.056	<0.00041	0.031	0.0046 J	--	--	--
	10/31/2022 (Dup-01)	0.053	<0.00041	0.026	0.0036 J	--	--	--
MW-11	7/06/2017	<0.000176	0.000309 J	<0.000212	0.000913 J	<0.05	0.129	0.229
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	<0.0858	<0.0858
	11/13/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	3/11/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	0.0026	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022 (Dup-01)	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-12	7/06/2017	0.000647 J	0.000426 J	0.000602 J	0.00268	0.748	0.267	<0.0989
	11/16/2017	0.00153	<0.000198	0.000617 J	0.00729	0.292	0.271	<0.0798
	11/13/2018	0.00323	<0.000198	<0.000212	<0.000366	--	--	--
	3/12/2019	0.000576 J	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	0.000258 J	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	<0.00013	0.00046 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022 (Dup-01)	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-13	7/06/2017	4.09	0.137	0.664	6.19	35.6	0.511	<0.0989
	11/16/2017	2.22	<0.00396	0.369	2.03	9.22 J	0.876	<0.0813
	11/13/2018	3.72	<0.00396	0.746	4.73	--	--	--
	3/12/2019	3.27	<0.00396	0.882	1.06	--	--	--
	10/14/2019	0.25	<0.000198	0.108	0.00441	--	--	--
	11/16/2020	2.2	<0.00041	0.22	0.042 J	--	--	--
	11/08/2021	1.1	<0.00041	0.054	<0.0016	--	--	--
	5/19/2022	2.4	0.0054 J	0.028	<0.016	--	--	--
	10/31/2022	1.0	<0.0021	0.018	<0.0080	--	--	--
	10/31/2022 (Dup-01)	1.0	<0.0021	0.018	<0.0080	--	--	--
MW-14	7/06/2017	<0.000176	<0.000198	<0.000212	0.000529 J	<0.05	0.212	0.212
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	<0.0827	<0.0827
	11/12/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	3/12/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/14/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00056 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	10/31/2022 (Dup-01)	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
MW-15	7/07/2017	4.37	0.00162	0.159	2.17	19.1 J	0.419	<0.0989
	11/16/2017	6.90	<0.0099	0.122	1.87	24.6	0.669	<0.0827
	11/12/2018	3.50	<0.00396	0.0646	0.0284 J	--	--	--
	3/12/2019	2.94	<0.00396	0.00691 J	<0.00732	--	--	--
	10/14/2019	2.64	<0.000198	0.0183	0.0351	--	--	--
	11/16/2020	1.1	<0.00041	0.035	0.017 J	--	--	--
	11/08/2021	0.46	<0.0021	0.026	0.021 J	--	--	--
	5/19/2022	0.27	<0.00082	0.012	<0.0032	--	--	--
	10/31/2022	0.015	<0.00041	0.010	<0.0016	--	--	--
	7/06/2017	2.07	0.000943 J	0.442	3.96	21.7	1.02	<0.0989
MW-16	11/16/2017	1.9	<0.0099	0.456	2.65	19.4	3.02	<0.0875
	11/12/2018	1.18	<0.00396	0.43	0.90	--	--	--
	3/12/2019	1.15	<0.00396	0.576	1.42	--	--	--
	10/14/2019	0.912	<0.00396	0.632	1.46	--	--	--
	11/16/2020	0.67	<0.0021	0.50	1.3	--	--	--
	11/08/2021	0.56	0.0047 J	0.32	1.4 F1UJ	--	--	--
	5/19/2022	0.44	<0.0021	0.26	0.97	--	--	--
	5/19/22 (Dup-02)	0.44	<0.0021	0.27	0.99	--	--	--
	11/01/2022	0.42	<0.0021	0.26	1.0	--	--	--
	11/01/22 (Dup-02)	0.39	<0.0021	0.26	1.0	--	--	--
MW-17	4/15/2019	3.83	0.329	<0.0053	3.65	--	--	--
	10/15/2019	9.83	1.86	0.118	7.00	--	--	--
	11/16/2020	Insufficient water in well, no sample collected						
	11/08/2021	Insufficient water in well, no sample collected						
	5/19/2022	Insufficient water in well, no sample collected						
	10/31/2022	4.10	3.0	<0.013	3.3	--	--	--
	4/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	0.000396 J	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	0.00024 J	<0.00041	<0.00050	<0.0016	--	--	--
MW-18	5/19/2022	<0.00013	0.00050 J	<0.00050	<0.0016	--	--	--
	10/31/2022	0.00037 J	<0.00041	<0.00050	<0.0016	--	--	--
	3/12/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/14/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	11/01/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	3/12/2019	LNAPL in well, no sample collected						
	10/15/2019	LNAPL in well, no sample collected						
MW-19	11/16/2020	LNAPL in well, no sample collected						
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	LNAPL in well, no sample collected						
	11/01/2022	LNAPL in well, no sample collected						
	3/12/2019	0.307	0.186	0.0854	0.427	--	--	--
	10/14/2019	1.04	0.00811	0.126	0.397	--	--	--
	11/16/2020	0.82	<0.0021	0.058	0.80	--	--	--
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	LNAPL in well, no sample collected						
	11/01/2022	LNAPL in well, no sample collected						
MW-20	3/12/2019	Insufficient water in well, no sample collected						
	10/15/2019	Insufficient water in well, no sample collected						
	11/17/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	0.00074 J	<0.00041	0.0044	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00042 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	3/12/2019	LNAPL in well, no sample collected						
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	LNAPL in well, no sample collected						
	11/01/2022	LNAPL in well, no sample collected						
MW-21	3/12/2019	Insufficient water in well, no sample collected						
	10/15/2019	Insufficient water in well, no sample collected						
	11/17/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	0.00074 J	<0.00041	0.0044	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00042 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	3/12/2019	LNAPL in well, no sample collected						
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	LNAPL in well, no sample collected						
	11/01/2022	LNAPL in well, no sample collected						
MW-22	3/12/2019	Insufficient water in well, no sample collected						
	10/15/2019	Insufficient water in well, no sample collected						
	11/17/2020	<0.00038	<0.00041	<0.00050	<0.0016	--	--	--
	11/08/2021	0.00074 J	<0.00041	0.0044	<0.0016	--	--	--
	5/19/2022	<0.00013	0.00042 J	<0.00050	<0.0016	--	--	--
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	3/12/2019	LNAPL in well, no sample collected						
	11/08/2021	LNAPL in well, no sample collected						
	5/19/2022	LNAPL in well, no sample collected						
	11/01/2022	LNAPL in well, no sample collected						

Table 4
Summary of BTEX and TPH Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)	TPH ORO (mg/L)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62	NE	NE	NE
MW-23	4/15/2019	<0.00088	<0.00099	<0.00106	<0.00183	--	--	--
	10/15/2019	Insufficient water in well, no sample collected						
	11/16/2020	Insufficient water in well, no sample collected						
	11/08/2021	Insufficient water in well, no sample collected						
	5/19/2022	Insufficient water in well, no sample collected						
	10/31/2022	Insufficient water in well, no sample collected						
MW-24	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	0.00036 J	0.00048 J	<0.00050	<0.0016	--	--	--
	11/01/2022	0.00079 J	<0.00041	<0.00050	<0.0016	--	--	--
MW-25	11/08/2021	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	5/19/2022	0.00023 J	0.00048 J	<0.00050	<0.0016	--	--	--
	11/01/2022	0.0015	<0.00041	0.00071 J	0.0018 J	--	--	--
MW-26	11/08/2021	0.12	0.0031	0.023	0.0054 J	--	--	--
	11/8/2021 (Dup-02)	0.13	0.0037	0.029	0.0071 J	--	--	--
	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
	11/01/2022	0.0032	<0.00041	<0.00050	<0.0016	--	--	--
MW-27	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016	--	--	--
MW-28	10/31/2022	3.9	12	0.35	8.5	--	--	--
PMW-1a	7/07/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	0.376	0.194
	11/17/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	<0.0784	<0.0784
	11/13/2018	<0.000176	<0.000198	<0.000212	0.00628 J	--	--	--
	4/16/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	Well not accessed or sampled						
PMW-2	7/07/2017	2.15	2.81	0.0318	1.64	17.6	1.24	0.19
	11/17/2017	9.61	9.47	0.262	4.01	54.3 J	1.19	<0.0784
	11/13/2018	2.42	5.97	0.029 J	6.84	--	--	--
	3/12/2019	6.92	0.0579	0.117	1.05	--	--	--
	10/15/2019	7.82	8.36	0.149	2.93	--	--	--
	11/16/2020	Well not accessed or sampled						
PMW-4a	7/07/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	0.391	0.283
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366	<0.05	<0.0875	<0.0875
	11/13/2018	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	4/16/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	10/15/2019	<0.000176	<0.000198	<0.000212	<0.000366	--	--	--
	11/16/2020	Well not accessed or sampled						

Notes:

-- = not analyzed

< or ND = not detected above the method detection limit

^+ = Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

B = Compound was found in the blank and sample.

DRO = diesel range organics

F1 = MS and/or MSD recovery exceeds control limits.

F2 = MS/MSD RPD exceeds control limits.

GRO = gasoline range organics

H = Sample was prepped or analyzed beyond the specified holding time.

J = analyte was positively identified and the quantitation is an estimation.

J- = analyte was positively identified and the quantitation is an estimation with a potentially low bias.

J+ = analyte was positively identified and the quantitation is an estimation with a potentially high bias.

mg/L = milligram(s) per liter

NE = not established

NMWQCC = New Mexico Water Quality Control Commission

ORO = oil range organics

LNAPL = Light Non-Aqueous Phase Liquids

TPH = total petroleum hydrocarbons

UJ = The analyte was analyzed for, but not detected. Due to a quality control deficiency identified during data validation the value reported may not accurately reflect the sample quantitation limit

Bold text indicates a detected concentration**Highlighted cells indicate a concentration exceeding the applicable NMWQCC standard**

Table 5
Summary of Metals and Inorganics Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte		Dissolved Metals															Dissolved Metals										Inorganics				
		Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Zinc	Alkalinity	Chloride	Nitrate	Sulfate	TDS				
NMWQCC Standard (mg/L)		5	0.01	1	0.75	0.01	NE	0.05	0.05	1	1	0.015	NE	0.2	0.002	1	0.2	NE	0.05	0.05	NE	10	NE	250	10	600	1000				
W-2	9/25/2001	4.2	<0.005	0.029	--	<0.004	400	<0.01	<0.05	0.015	4.6	0.08	120	0.23	--	<0.01	<0.04	4.7	0.12	<0.01	1200	<0.02	--	300	25	3600	5800				
	8/15/2002	1.13	0.0049	0.0327	--	0.0008	402	0.0056	0.0035	0.116	1.76	0.0031	108	0.216	0.00012	0.0028	0.0075	13.40	0.108	0.0028	1350	0.0733	170	296	--	3380	5690				
	8/26/2003	2.07	0.0055	<0.2	--	0.004	349	<0.01	<0.05	0.0428	1.48	<0.003	106	0.0439	<0.0002	<0.01	<0.04	<5.0	0.0896	<0.01	1030	0.0581	196	309	21.8	3630	5880				
	8/27/2004	--	0.005	0.2	--	0.004	--	0.01	--	--	--	0.003	--	--	0.0002	--	--	--	0.115	0.01	--	--	180	431	25.2	3160	6170				
	8/24/2005	1.24	<0.005	<0.02	--	<0.004	454	<0.01	<0.05	<0.025	1.58	0.009	126	0.163	<0.0002	<0.01	<0.04	5.84	0.124	<0.01	1400	0.459	138	265	17	3170	5730				
	10/08/2006	1.54	<0.005	<0.2	--	<0.004	399	<0.01	<0.05	<0.025	1.02	0.0102	111	0.256	<0.0002	<0.01	<0.04	5.63	0.136	<0.01	1150	0.148	163	162	18	3420	4920				
	8/23/2007	12.8	<0.005	<0.2	--	<0.004	404	<0.01	<0.05	0.0329	10.3	0.014	133	0.223	<0.0002	<0.01	<0.04	8.88	0.143	<0.01	1120	0.169	165	338	18	3410	5710				
	8/27/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	178	308	17.2	3320	4920				
	8/28/2009	21.0	<0.005	<0.2	--	<0.004	356	0.0127	<0.05	0.0272	16.5	0.0089	110	0.268	--	<0.01	<0.04	10.2	0.132	<0.01	1130	0.0981	174	795	17.7	3000	5870				
	8/26/2010	5.18	<0.005	<0.2	--	<0.004	319	<0.01	<0.05	<0.025	4.3	0.0051	103	0.0871	<0.0002	<0.01	<0.04	5.29	0.111	<0.01	1160	0.0344	198	290	19.5	3200	5970				
	8/31/2011	6.08	<0.005	<0.2	--	<0.004	330	<0.01	<0.05	<0.025	4.75	0.0141	97.3	0.178	<0.0002	<0.01	<0.04	<5.0	0.122	<0.01	1200	0.0552	176	318	16.7	1530	5860				
	12/19/2013	5.82	0.00480 J	0.0346	--	0.000900 J	384	0.00810 J	0.00790 J	0.0309	8.29	0.0106	103	0.487	<0.000082	<0.00273	0.00900 J	4.02	0.0978	0.00130 J	1260	0.156	203	275	19.7	3330	5460				
	12/18/2014	<0.0216	<0.00328	0.0131	--	<0.00035	298	0.0036	0.0008	0.0120	<0.0866	<0.0029	86.6	0.005	--	0.00273	<0.0022	3.35	0.0908	<0.00125	1030	0.011	215	234	20.9	3170	5390				
	12/15/2015	<0.0926	<0.00285	0.0112 J	0.584	0.0004 J	--	0.003 J	0.0068 J	--	0.752	<0.00219	--	1.03	<0.082	0.003 J	0.0279	--	0.0762	--	--	--	197	245	33.4	3280	5000				
	12/13/2016	<0.0926	<0.00285	0.0078 J	--	0.0006 J	284	<0.00159	<0.00031	0.0092 J	<0.027	<0.00219	84.5	<0.00036	<0.000082	<0.0029	<0.0008	3.17	0.0778	<0.00129	1170	0.0141 J	169 J	206	9.59	3290	4860				
	7/06/2017	<0.0926	<0.00285	0.0107 J	0.580	<0.00028	267	0.002 J	0.000487 J	--	<0.027	<0.00219	82.2	0.00118 J	<0.000082	<0.00487	<0.000966	3.09	0.1120	--	1080	--	181	238	10.7	2960	4760				
	11/16/2017	<0.0926	<0.00285	0.0072 J	0.538	0.0005 J	277	0.0029 J	0.0004 J	--	<0.027	<0.00219	82.4	0.0031 J	<0.000082	0.0032 J	0.0017 J	3.19	0.0803	--	1120	--	178	362	12	4080	5240				
	11/13/2018	<0.0926	<0.00285	0.0101 J	0.578	0.0006 J	281	0.0031 J	0.0005 J	--	<0.027	<0.00219	85.9	0.0029 J	<0.000103	0.0026 J	0.009 J	2.89	0.0954	--	909	--	193	428	10.7	4330	4420				
	3/11/2019	<0.0926	0.003 J	0.011 J	0.554	0.0008 J	--	0.002 J	0.0017 J	--	0.00478 J	<0.00219	--	0.0195	<0.000103	<0.0044	0.0052 J	--	0.0824	--	--	--	203	200	18.5	3150	4160				
	10/15/2019	<0.0926	<0.00285	0.0111 J	0.558	0.0005 J	--	0.0028 J	<0.00031	--	<0.027	<0.00219	--	0.0011 J	<0.000103	0.0029 J	0.0013 J	--	0.0652	--	--	--	196	191	23.6 J	2790	4940				
	11/16/2020	0.15 J	<0.0030	0.0094 J	0.600	<0.0010	--	<0.0050	<0.0030	<0.0080	0.19 J	0.0049 J	--	0.0190	0.000070 J	<0.0040	<0.0030	--	0.0280	<0.0010	--	<0.0080	270	250	18 J-	3200	5100				
	11/08/2021	<0.051	<0.0030	0.0094 J	0.66	<0.0020	--	<0.0050	<0.0030	<0.0017**	<0.075	<0.0020	--	0.0074 J	<0.00015	<0.0040	<0.0030	--	0.067	<0.0040	--	<0.0080	230	190	--	2800	4900				
	10/31/2022	<0.051	0.0052 J	0.010	0.62	<0.0020	--	<0.0050	0.0039 J	0.021	<0.075	0.012	--	0.0070 J	<0.00015	0.024 J	0.0040 J	--	0.048	<0.0040	--	0.011 J	250	510	13	6400	4300				
MW-4	9/25/2001	9.3	0.22	0.11	--	0.017	210	ND	0.28	0.82	31.0	0.17	81	6.1	--	ND	0.33	7.3	<0.005	<0.01	920	4.2	--	330	--	2000	3920				
	8/15/2002	1.37	0.0207	0.0271	--	0.0012	210	0.0102	0.191	0.158	6.5	0.0113	80.1	6.08	0.00061	0.0027	0.261	8.99	0.0034	0.0017	1040	0.241	874	234	--	1790	4060				
	8/26/2003	5.29	0.0818	0.2	--	0.01	212	0.01	0.156	0.789	12.4	0.0401	88.1	6.88	0.0035	0.01	0.251	9.39	0.005	0.01	802	1.55	446	303	4	2090	4540				
	8/26/2004	--	0.018	0.2	--	0.004	--	0.01	--	--	--	0.003	--	--	0.003	--	--	--	0.005	0.01	--	--	888	453	10	2000	4410				
	8/24/2005	<0.2	0.0262	<0.2	--	<0.004	286	<0.01	0.144	0.0629	10.2	0.165	111	8.78	0.00026	<0.01	0.26	9.62	0.0058	<0.01	1190	0.159	650	321	0.5	2010	4330				
	8/10/2006	0.416	0.0636	<0.2	--	<0.004	245	<0.01	0.103	0.0567	31.8	0.051	95.3	5.8	0.00021	<0.01	0.182	8.77	<0.005	<0.01	1050	0.2	870	385	0.2	2250	3840				
	8/23/2007	9.29	0.0211	<0.2	--	<0.004	249	<0.01	0.0883	0.0683	21.7	0.014	108	6.59	0.00042	<0.01	0.268	10.1	<0.005	<0.01	910	0.11	820	303	2.1	2000	4460				
	8/27/2008	9.81	0.0342	<0.2	--	<0.004	267	<0.01	0.094	0.15	17.7	0.0512	113	7.19	<0.0002	<0.01	0.229	13.1	<0.005	<0.01	1020	0.05	916	16.9	0.39	2150	4120				
	8/28/2009	1.0	0.0125	<0.2	--	<0.004	234	<0.01	0.0752	0.0334	8.16	0.014	101	6.4	--	<0.01	0.199	8.13	<0.005	<0.01	1020	<0.02	428	373	0.64	2230	4820				
	8/26/2010	3.31	0.0175	<0.2	--	<0.004	228	<0.01	0.0576	0.0589	9.93	0.0195	100	5.97	0.00068	<0.01	0.203	7.86	0.0076	<0.01	1050	0.0287	856	345	0.54	2150	4810				
	8/31/2011	1.38	0.0082	<0.2	--	<0.004	263	<0.01	0.0536	0.0268	5.38	0.0128	105	5.03	0.000																

Table 5
Summary of Metals and Inorganics Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte		Dissolved Metals																	Dissolved Metals										Inorganics				
		Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Zinc	Alkalinity	Chloride	Nitrate	Sulfate	TDS						
NMWQCC Standard (mg/L)		5	0.01	1	0.75	0.01	NE	0.05	0.05	1	1	0.015	NE	0.2	0.002	1	0.2	NE	0.05	0.05	NE	10	NE	250	10	600	1000						
MW-8	11/30/1999	--	--	--	--	--	--	--	--	--	0.16	--	--	4.3	--	--	--	--	--	--	--	--	--	--	10	5200	--						
	4/10/2000	--	--	--	--	--	--	--	--	--	1.8	--	--	2.4	--	--	--	--	--	--	--	--	--	--	5	5000	--						
	6/29/2000	--	--	--	--	--	--	--	--	--	0.32	--	--	3.6	--	--	--	--	--	--	--	--	--	--	5	7500	--						
	9/29/2000	--	--	--	--	--	--	--	--	--	0.32	--	--	1.6	--	--	--	--	--	--	--	--	--	--	2	8500	--						
	12/21/2000	--	--	--	--	--	--	--	--	--	0.16	--	--	0.011	--	--	--	--	--	--	--	--	--	--	1	12000	--						
	3/27/2001	--	--	--	--	--	--	--	--	--	1.1	--	--	1.0	--	--	--	--	--	--	--	--	--	--	5	6300	--						
	6/27/2001	--	--	--	--	--	--	--	--	--	1.1	--	--	2.9	--	--	--	--	--	--	--	4200	440	10	6200	13800							
	9/25/2001	0.24	<0.005	0.019	--	<0.004	370	<0.01	<0.05	<0.025	2.5	0.25	370	0.52	--	<0.01	<0.04	20.0	<0.005	<0.01	6200	<0.02	--	610	ND	9600	18000						
	10/29/2001	--	--	--	--	--	310	--	--	--	0.87	--	280	7.5	--	--	--	36.0	--	--	4500	--	24	780	0.2	10	17000						
	8/15/2002	0.508	0.0238	0.029	--	0.002	67.2	1.08	0.007	0.014	6.89	0.005	465	0.162	0.0001	0.0568	0.251	62.9	0.0022	0.01	4720	0.0145	4420	318	--	5450	13200						
	8/26/2003	1.62	0.008	0.2	--	0.004	354	0.01	0.05	0.0414	2.39	0.003	370	1.46	0.0002	0.01	0.04	45.4	0.005	0.01	4390	0.0748	5030	726	20	8260	17900						
	8/27/2004	--	0.0207	0.2	--	0.004	--	0.01	--	--	--	0.0074	--	--	0.0002	--	--	--	0.0062	0.01	--	--	4920	806	20	7760	17000						
	8/24/2005	0.634	0.0062	<0.2	--	<0.004	155	<0.01	<0.05	<0.025	0.831	0.0069	274	1.23	<0.0002	0.0293	<0.04	75.6	<0.005	<0.01	2610	0.0421	1880	261	0.7	4920	11000						
	8/10/2006	0.219	0.0074	<0.2	--	<0.004	91.6	<0.01	<0.05	<0.025	<0.1	0.0051	216	1.04	<0.0002	0.016	<0.04	73.0	<0.005	<0.01	2210	0.0526	2150	147	0.7	4160	7820						
	8/23/2007	1.3	<0.005	<0.2	--	<0.004	69.5	<0.01	<0.05	<0.025	0.855	0.0048	288	0.59	<0.0002	0.0165	<0.04	87.4	<0.005	<0.01	2220	0.132	2580	165	0.6	3980	8200						
	8/27/2008	3.26	0.0055	<0.2	--	<0.004	101	<0.01	<0.05	<0.025	1.97	0.0043	264	0.557	<0.0002	<10	<0.04	89.0	<0.005	<0.01	2790	0.0207	3380	4	0.36	3590	9420						
	8/28/2009	5.34	0.0122	<0.2	--	<0.004	34.3	0.013	<0.05	<0.025	3.07	0.0039	373	0.869	--	0.0321	<0.04	85.6	<0.005	<0.01	2850	0.0234	3860	<1.0	1.2	4050	10700						
	8/26/2010	5.21	0.03	<0.2	--	<0.004	36.2	0.018	<0.05	<0.025	3.83	0.0087	36.8	0.367	<0.0002	0.0333	<0.2	226.0	0.0075	<0.01	2800	<0.1	9250	<1.0	3	2150	12000						
	12/19/2013	0.651	<0.00328	0.0414	--	<0.00035	57.3	<0.00155	0.0017 J	0.0102	0.65	<0.0029	166	0.351	<0.000082	0.0087 J	0.0033 J	35.4	<0.00417	<0.00125	2280	0.399	3150	271	0.366	2310	6540						
	12/18/2014	<0.0216	0.0051	0.0322	--	<0.00035	63.1	0.0017	<0.00063	0.0137	<0.0866	<0.0029	114	0.0165	--	0.02	0.0033	39.6	<0.00417	0.0017	2180	0.0064	<5.0	206	0.34	2520	6880						
12/15/2015	<0.0926	0.0037 J	0.0666	0.236	0.0003 J	--	<0.00159	0.0025 J	--	5.02	<0.00219	--	2.06	<0.082	0.0039 J	<0.0008	--	0.0171 J	--	--	--	3800	284	0.017	3120	7290							
12/13/2016	0.348 J	<0.00285	0.0555	--	0.0005 J	73.5	<0.00159	0.0012 J	0.0017 J	2.35 J	<0.00219	79.4	0.966	<0.000082	0.0085 JB	<0.0008	26.4	<0.00287	<0.00129	2600 B	0.0589 B	2090	283	<0.017	3840	6600							
7/6/2017	0.381 J	<0.00285	0.0508	0.21	<0.00028	87.7	<0.00159	0.00126 J	--	6.81	<0.00219	71.5	0.924	<0.000082	0.02	<0.00233	20.9	<0.00287	--	2480	--	2650	277	<0.251	3060	8130							
11/16/2017	6.96	<0.00285	0.0549	0.201	0.0003 J	74.9	0.004 J	0.0018 J	--	8.83	0.0113	82.8	0.496	<0.000082	0.0176	0.0038 J	30.2	<0.00287	--	2840	--	2710	496	<0.085	3880	9450							
11/12/2018	<0.0926	<0.00285	0.0254	0.28	0.0021 J	70.5	<0.00159	0.0028 J	--	2.01	<0.00219	106	0.217	<0.000103	0.0205	0.0034 J	30.8	<0.00287	--	1720	--	3050	427	<0.251	4250	9450							
3/12/2019	0.198 J	<0.00285	0.0263	0.286	0.0005 J	--	<0.00159	0.0008 J	--	2.06	<0.00219	--	0.194	<0.000103	0.0208	0.0019 J	--	<0.0031	--	--	--	3090	451	<0.251	3740	9870							
10/14/2019	4.85	0.0038 J	0.0377	0.298	0.0009 J	--	0.0023 J	0.0041 J	--	4.89	<0.00219	--	0.497	<0.000212	0.0234	0.0043 J	--	<0.00287	--	--	--	3020	346 J+	<0.502	1840	9580							
11/16/2020	<0.051	0.0054 J	0.025	0.33	<0.0010	--	<0.0050	<0.0030	<0.0080	2.2	0.0028 J	--	0.13	<0.000070	0.037 J	0.0032 J	--	<0.0080	<0.0010	<0.0080	--	3700	1000	0.31	5700 B	13000							
11/8/2021	0.32	<0.015	0.016	0.39	<0.0020	--	<0.0050	0.0037 J	<0.017++	0.26	<0.0020	--	0.55	<0.00015	0.042 J	<0.0030	--	0.049	<0.0040	--	<0.0080	3700	650	0.072 J	4800	13000							
10/31/2022	<0.051	<0.030	0.027	0.36	<0.0020	--	0.015	<0.0030	<0.017	1.1	<0.020	--	0.35	<0.00015	0.074 J	<0.0030	--	0.066	<0.0040	--	<0.0080	3300	720	<0.63	4900	12000							
MW-9	11/30/1999	--	--	--	--	--	--	--	--	--	2.2	--	--	8.8	--	--	--	--	--	--	--	--	--	--	10	14000	--						
	4/10/2000	--	--	--	--	--	--	--	--	--	2.7	--	--	9.2	--	--	--	--	--	--	--	--	--	--	5	12000	--						
	6/29/2000	--	--	--	--	--	--	--	--	--	0.85	--	--	8.5	--	--	--	--	--	--	--	--	--	--	5	11000	--						
	9/29/2000	--	--	--	--	--	--	--	--	--	1.2	--	--	8.4	--	--	--	--	--	--	--	--	--	--	2	11000	--						
	12/21/2000	--	--	--	--	--	--	--	--	--	--	--	--	0.1	--	--	--	--	--	--	--	--	--	--	1	3800	--						
	3/27/2001	--	--	--	--	--	--	--	--	--	1.4	--	--	9.0	--	--	--	--	--	--	--	--	--	--	5	11000	--						
	6/27/2001	--	--	--	--	--	--	--	--	--	3.7	--	--	9.3	--	--	--	--	--	--	--	--	ND	770	10	13000	16600						
	9/25/2001	7																															

Table 5
Summary of Metals and Inorganics Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte		Dissolved Metals														Dissolved Metals										Inorganics				
		Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Zinc	Alkalinity	Chloride	Nitrate	Sulfate	TDS			
NMWQCC Standard (mg/L)		5	0.01	1	0.75	0.01	NE	0.05	0.05	1	1	0.015	NE	0.2	0.002	1	0.2	NE	0.05	0.05	NE	10	NE	250	10	600	1000			
MW-13	7/06/2017	<0.0926	0.0405	0.0443	0.747	<0.00028	227	0.00239 J	0.00428 J	--	7.34	<0.00219	75	2.39	<0.000082	<0.00054	0.00509 J	12.3	<0.00287	--	3850	--	2030	1300	<0.502	4970	12500			
	11/16/2017	<0.0926	0.0231	0.0247	0.429	0.0008 J	332	0.0046 J	0.003 J	--	8.72	<0.00219	115	3.56	<0.000082	<0.0023	0.0091 J	17.1	<0.00287	--	3690	--	1990	1200	<0.085	11000	12500			
	11/13/2018	<0.0926	<0.00285	0.0242	0.33	0.001 J	331	0.0016 J	0.0005 J	--	14.7	<0.00219	125	3.95	<0.000103	<0.00054	<0.0008	14.3	<0.00287	--	2650	--	2460	1770	<0.251	17500	11400			
	3/12/2019	<0.0926	<0.00285	0.0231	0.248	0.0009 J	--	0.0019 J	0.002 J	--	23.8	<0.00219	--	5.15	<0.000103	<0.00054	0.027 J	--	<0.0037	--	--	--	2330	1440 J-	6.28 J	5480	11100			
	10/14/2019	<0.0926	<0.00285	0.0169 J	0.148 J	0.0007 J	--	<0.00159	<0.00031	--	9.5	0.0029 J	--	6.18	<0.000265	<0.00054	0.0024 J	--	<0.00287	--	--	--	1820	608	<0.502	1980 J	10800			
	11/16/2020	<0.051	0.0034 J	0.019	0.27	<0.0010	--	<0.0050	<0.0030	<0.0080	6.0	0.0037 J	--	3.2	<0.000070	<0.0040	<0.0030	--	<0.0080	0.0010 J	--	<0.0080	2400	700	<0.033	4900	11000			
	11/08/2021	<0.051	<0.0030	0.0064 J	0.32	<0.0020	--	<0.0050	<0.0030	<0.017+*	3.0	<0.0020	--	2.6	<0.00015	<0.0040	<0.0030	--	<0.0080	<0.0040	--	<0.0080	1600	530	<0.063	5200	13000			
	10/31/2022	<0.051	<0.030	0.018	0.35	<0.0020	--	<0.0050	<0.0030	<0.17	0.19 J	<0.020	--	2.4	<0.00015	<0.0040	<0.0030	--	0.073	<0.0040	--	0.0085 J	2100	600	<0.32	5100	1000			
MW-14	7/06/2017	<0.0926	<0.00285	0.0114 J	0.689	<0.00193	392	<0.00159	0.00813 J	--	<0.027	<0.00219	244	8.82	<0.000082	<0.00218	0.0558	15.7	0.0115 J	--	3090	--	532	321	5.68	9080	13400			
	11/16/2017	0.349 J	<0.00285	0.0076 J	0.682	0.0024 J	391	0.003 J	0.0034 J	--	0.212 J	<0.00219	245	7.41	<0.000082	0.0014 J	0.0468	19.8	0.0128 J	--	3170	--	494	581	2.73	10000	14200			
	11/12/2018	<0.00926	<0.00285	0.0086 J	0.703	0.0017 J	429	<0.00159	0.0018 J	--	0.00602 J	<0.00219	285	7.94	<0.000103	0.001 J	0.0376	19.5	0.0052 J	--	1920	--	626	367	1.04 J	10100	14200			
	3/12/2019	<0.00926	0.0157	0.0089 J	0.611	0.0137	--	0.0027 J	0.0243	--	0.145 J	0.0155	--	8.26	<0.000103	<0.00054	0.0573	--	0.0349 J	--	--	--	516	342	<0.251	8030	12500			
	10/14/2019	<0.00926	<0.00285	<0.0084	0.699	0.002 J	--	0.0016 J	0.0015 J	--	0.289 J	<0.00219	--	8.48	<0.000117	0.0024	0.0363	--	0.0058 J	--	--	--	531	110	4.99 J	6560	13600			
	11/16/2020	<0.051	<0.0030	0.0092 J	0.67	<0.0010	--	<0.0050	<0.0030	<0.0080	0.56	0.0059 J	--	12	0.000070 J	<0.0040	0.037	--	<0.0080	0.0019 J	--	0.016 J	850	320 J	<0.033	13000 B	18000			
	11/08/2021	<0.051	<0.0030	0.027	0.80	<0.0020	--	<0.0050	<0.0030	<0.017+*	0.42	<0.0020	--	10	<0.00015	<0.0040	0.021	--	0.011 J	<0.0040	--	<0.0080	560	240	0.18	7900	13000			
	10/31/2022	<0.051	<0.0030	0.0098 J	0.75	<0.0020	--	<0.0050	<0.0030	<0.017	0.23	<0.0020	--	12	<0.00015	<0.0040	0.032	--	0.038	<0.0040	--	0.037	640	220	<0.32	8700	13000			
MW-15	7/07/2017	<0.0926	0.003 J	0.0288	0.702	<0.0012	468	0.0025 J	0.0108	--	4.88	<0.00219	99.9	3.16	<0.000082	<0.01	0.01	17.8	<0.00287	--	6540	--	1000	2760	<0.502	11600	22200			
	11/16/2017	<0.0926	<0.00285	0.011 J	0.733	0.0006 J	448	0.0031 J	0.0053 J	--	8.99	<0.00219	99.4	3.92	<0.000082	<0.00054	0.004 J	20	<0.0071	--	6850	--	1230	2990	<0.085	13400	23200			
	11/12/2018	<0.00285	<0.00285	0.0095 J	0.8	0.0009 J	458	<0.00159	0.0022 J	--	7.12	<0.00219	100	3.23	<0.000103	0.0008 J	<0.0008	166.6	<0.00287	--	5980	--	1510	2910	<0.251	12200	20500			
	3/12/2019	<0.0926	<0.00285	0.0088 J	0.768	0.0004 J	--	0.00159 J	0.0017 J	--	6.33	<0.00219	--	3.51	<0.000103	0.0029 J	0.0024 J	--	<0.00287	--	--	--	1430	2400	0.236	11400	21300			
	10/14/2019	<0.0926	<0.00285	0.0094 J	0.76	0.001 J	--	<0.00159	0.001 J	--	6.75	<0.00219	--	3.52	<0.000253	<0.00054	0.0017 J	--	<0.00287	--	--	--	1460	1570	<0.502	12600	22200			
	11/16/2020	<0.051	0.0035 J	0.0092 J	0.75	<0.0010	--	<0.0050	<0.0030	<0.0080	5.7	0.0045 J	--	3.7	<0.000070	<0.0040	<0.0030	--	<0.0080	<0.0010	--	<0.0080	1800	2600	<0.033	11000 B	22000			
	11/08/2021	<0.051	<0.0030	0.0088 J	0.83	<0.0020	--	<0.0050	<0.0030	<0.017+*	6.5	0.0037 J	--	4.4	<0.00015	<0.0040	<0.0030	--	0.015 J	<0.0040	--	<0.0080	1600	2400	<0.063	11000	21000			
	10/31/2022	<0.051	<0.030	0.0096 J	0.79	<0.0020	--	<0.0050	<0.0030	<0.17	6.7	<0.020	--	4.6	<0.00015	<0.0040	<0.0030	--	0.026	<0.0040	--	0.013 J	1600	2500	<0.63	10000	22000			
MW-16	7/06/2017	0.107 J	0.0273	0.0466	1.03	<0.00028	244	<0.00159	0.000775 J	--	0.483	<0.00219	40.6	0.646	<0.000082	<0.00184	<0.0008	10.5	<0.00287	--	4910	--	1630	1840	<0.502	7890	15800			
	11/16/2017	<0.0926	0.0171	0.0179 J	1.01	0.0004 J	222	0.002 J	<0.00031	--	0.0723 J	<0.00219	39.2	0.248	<0.000082	<0.00054	<0.0008	11.9	<0.00287	--	5090	--	2510	2100	<0.085	8800	16400			
	11/12/2018	<0.0926	<0.00285	0.0214	1.15	0.0006 J	93.3	<0.00159	<0.00031	--	<0.027	<0.00219	24.3	0.0056 J	<0.000103	0.0007 J	<0.0008	8.28	<0.00287	--	1770	--	3440	1950	<0.251	4770	12900			
	3/12/2019	<0.0926	<0.00285	0.243	1	0.0006 J	--	<0.00159	0.0004 J	--	0.0428 J	<0.00219	--	0.21	<0.000103	<0.00054	<0.0008	--	<0.00287	--	--	--	2720	2210	18	9060	17100			
	10/14/2019	<0.0926	<0.00285	0.0203	0.939	0.0011 J	--	<0.00159	<0.00031	--	0.0856 J	<0.00219	--	0.0163	<0.000125	<0.00054	<0.0008	--	<0.00287	--	--	--	2420	692	<0.502	6030	19800			
	11/16/2020	<0.0051	0.0050 J	0.015	0.86	<0.0010	--	<0.0050	<0.0030	<0.0080	<0.075	0.0043 J	--	0.022	--	<0.0040	<0.0030	--	<0.0080	<0.0010	--	<0.0080	2900	3.3	<0.033	25 B	22000			
	11/08/2021	<0.0051 F1UJ	<0.0030 F1,F2	0.0047 JF1J-	0.83	<0.0020 F1UJ	--	<0.0050 F1UJ	<0.0030	<0.017+* F1UJ	<0.075 F1	<0.0020 F1UJ	--	0.042	<0.00015	<0.0040	<0.0030	--	0.023 F1J-	<0.0040 F1UJ	--	<0.0080 F1UJ	2800	1500	<0.063 F1	14000	28000			
	11/01/2022	<0.051	<0.030	0.013	0.64	<0.0020	--	<0.0050	<0.0030	<0.17	<0.075	<0.020	--	0.050	<0.00015	<0.0040	<0.0030	--	0.13	<0.0040	--	<0.0080	3000	1400	<3.2	15000	28000			
11/1/2022 (Dup-02)	<0.051	<0.030	0.013	0.64	<0.0020	--	<0.0050	<0.0030	<0.17	<0.075	<0.020	--	0.047	<0.00015	0.0046 J	<0.0030	--	0.13	<0.0040	--	<0.0080	2100	1500	<3.2	15000	29000				
MW-17	4/15/2019	Insufficient water in well, no sample collected														Insufficient water in well, no sample collected														
	10/15/2019	Insufficient water in well, no sample collected														Insufficient water in well, no sample collected										2100	136	1.06 J-	299	3580
	11/16/2020	Insufficient water in well, no sample collected														Insufficient water in well, no sample collected														
	11/08/2021	Insufficient water in well, no sample collected														Insufficient water in well, no sample collected														
	11/08/2021	Insufficient water in well, no sample collected														Insufficient water in well, no sample collected														
MW-18	4/15/2019	0.221 J	<0.00285	0.0254	0.882	0.013 J+	--	0.0023 J	0.128	--	0.0822 J	<0.00219	--	11.3	<0.000103	0.0007 J	0.255	--	<0.00287	--	--	--	247	1140	<0.251	13200	19800			
	10/15/2019	0.7																												

Table 5
Summary of Metals and Inorganics Groundwater Analytical Results
San Juan River Gas Plant, Kirtland, New Mexico

Analyte		Dissolved Metals													Dissolved Metals						Inorganics						
		Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Zinc	Alkalinity	Chloride	Nitrate	Sulfate	TDS
NMWQCC Standard (mg/L)		5	0.01	1	0.75	0.01	NE	0.05	0.05	1	1	0.015	NE	0.2	0.002	1	0.2	NE	0.05	0.05	NE	10	NE	250	10	600	1000
MW-23	3/12/2019	Insufficient water in well, no sample collected													Insufficient water in well, no sample collected												
	10/14/2019	Insufficient water in well, no sample collected													Insufficient water in well, no sample collected												
	11/16/2020	Insufficient water in well, no sample collected													Insufficient water in well, no sample collected												
	11/08/2021	Insufficient water in well, no sample collected													Insufficient water in well, no sample collected												
	10/31/2022	Insufficient water in well, no sample collected													Insufficient water in well, no sample collected												
MW-24	11/08/2021	0.14 J	<0.0030	0.021	1.0	0.0041 J	--	<0.0050	0.046	<0.017**	<0.075	<0.0020	--	9.9	<0.00015	0.016 J	0.11	--	0.045	<0.0040	--	0.059 B	600	260	1.3 HJ-	11000	16000
	11/01/2022	<0.051	<0.0030	0.016	1.0	<0.0020	--	<0.0050	0.025	<0.017	0.16 J	<0.0020	--	8.6	<0.00015	0.035 J	0.047	--	0.013 J	<0.0040	--	0.035	550	290	<0.63	11000	17000
MW-25	11/08/2021	<0.051	<0.0030	0.029	0.60	<0.0020	--	<0.0050	<0.0030	<0.017**	<0.075	<0.0020	--	0.69	<0.00015	0.061 J	0.0064	--	<0.0080	<0.0040	--	<0.0080	700	910	9.6 HJ-	6400	11000
	11/01/2022	<0.051	<0.0030	0.018	0.73	<0.0020	--	<0.0050	<0.0030	<0.017	<0.075	<0.0020	--	0.32	<0.00015	0.067 J	0.0030 J	--	0.010 J	<0.0040	--	0.025	510	590	6.2	5500	8800
MW-26	11/08/2021	<0.051	<0.0030	0.027	0.87	<0.0020	--	<0.0050	<0.0030	<0.017**	<0.075	<0.0020	--	0.36	<0.00015	0.075 J	<0.0030	--	0.0094 J	<0.0040	--	<0.0080	970	790	1.7 HJ-	8200	17000
	11/8/2021 (Dup-02)	<0.051	0.0069 JBJ**	0.027	0.85	<0.0020	--	<0.0050	<0.0030	<0.017**	<0.075	<0.0020	--	0.36	<0.00015	0.074 J	0.0045 J	--	0.035	<0.0040	--	<0.0080	1000	780	1.7	8000	13000
	11/01/2022	<0.051	<0.0030	0.017	0.91	<0.0020	--	<0.0050	0.023	<0.017	0.12 J	<0.0020	--	4.4	<0.00015	<0.0040	0.029	--	<0.0080	<0.0040	--	0.029	680	550	<0.63	940	16000
MW-27	10/31/2022	<0.051	<0.0030	0.022	0.73	<0.0020	--	<0.0050	0.0056	<0.017	3.5	<0.0020	--	0.76	<0.00015	0.087 J	0.0042 J	--	<0.0080	<0.0040	--	0.024	620	870	<0.63	7500	14000
MW-28	10/31/2022	<0.051	0.0054 J	0.032	0.85	<0.0020	--	<0.0050	<0.0030	<0.017	0.49	0.0022 J	--	0.61	<0.00015	<0.0040	<0.0030	--	0.029	<0.0040	--	0.012 J	1500	880	<0.32	4200	9600
PMW-1a	7/07/2017	<0.0926	0.0063 J	0.017 J	0.475	<0.00028	156	<0.00159	<0.0006	--	<0.0655	<0.00219	15.4	0.139	<0.000082	<0.0073	0.0017 J	7.43	0.0047 J	--	3070	--	167	964	3.1 J	5770	9960
	11/17/2017	<0.0926	<0.00285	0.007 J	0.441	<0.00028	158	<0.00159	0.0004 J	--	<0.027	<0.00219	14.1	0.114	<0.000082	0.004 J	0.001 J	7.48	<0.0031	--	3080	--	155	919	0.285	6400	9590
	11/13/2018	<0.0926	<0.00285	0.012 J	0.457	0.0003 J	164	<0.00159	<0.00031	--	0.102 J	<0.00219	15.1	0.129	<0.000103	0.0043 J	0.0009 J	6.59	<0.00287	--	1950	--	192	884	1.53 J	5900	9990
	4/16/2019	0.37 J	<0.00285	0.0131 J	0.467	0.0004 J	--	--	0.0013 J	--	0.313 J	<0.00219	--	0.285	<0.000103	0.0044 J	0.0016 J	--	<0.00287	--	--	--	195	1200	0.0281 J	5050	9800
	10/15/2019	<0.0926	<0.00285	0.0303	0.434	<0.00028	--	<0.00159	<0.00031	--	<0.027	<0.00219	--	0.0487	<0.000103	0.0044 J	0.0012 J	--	<0.00287	--	--	--	149	791	13.8 J	315	9080
	11/16/2020	Well not accessed or sampled													Well not accessed or sampled												
PMW-2	7/07/2017	<0.0926	<0.057	0.118	0.892	<0.0005	62.1	<0.00159	<0.0012	--	<0.0795	<0.00219	8.7	0.337	<0.000082	<0.00054	0.0013 J	6.06	<0.00287	--	2210	--	1860	1100	<0.251	1300	6540
	11/17/2017	<0.0926	<0.00285	0.243	0.976	<0.00028	38.4	<0.00159	<0.00031	--	<0.027	<0.00219	5.72	0.0711	<0.000082	<0.00054	<0.0008	4.71	<0.0049	--	1820	--	2360	1240	0.017	247	4690
	11/13/2018	<0.0926	<0.00285	0.0712	0.894	0.0003 J	88.7	<0.00159	0.0006 J	--	2.05	<0.00219	11.1	0.387	<0.000103	0.005 J	<0.0008	7.14	<0.00287	--	1630	--	1800	3900 J-	<0.0251	7350 J-	6840
	3/12/2019	<0.0926	<0.00285	0.227	0.965	<0.00028	--	<0.00159	0.0004 J	--	0.0359 J	<0.00219	--	0.128	<0.000103	<0.00054	<0.0008	--	<0.0038	--	--	--	2350	1840	<0.0251	977	5330
	10/15/2019	0.326 J	<0.00285	0.178	0.97	<0.00028	--	<0.00159	<0.00031	--	0.368 J	<0.00219	--	0.111	<0.000103	<0.00054	<0.0008	--	<0.00287	--	--	--	2190	601	1.1	265	4890
	11/16/2020	Well not accessed or sampled													Well not accessed or sampled												
PMW-4a	7/07/2017	0.26 J	<0.00285	0.0167 J	0.622	<0.00028	253	<0.00159	0.0052 J	--	<0.027	<0.00219	23.9	0.698	<0.000082	<0.005	0.0076 J	9.34	<0.00287	--	3980	--	712	2690	2.96 J	5200	12200
	11/16/2017	<0.0926	<0.00285	0.0113 J	0.417	0.0004 J	236	0.0016 J	0.0031 J	--	0.0643 J	<0.00219	21.3	0.722	<0.000082	0.0012 J	0.0041 J	9.7	<0.00287	--	3650	--	190	2880	0.996 J	7040	12700
	11/13/2018	<0.0926	<0.00285	0.0178 J	0.458	0.0006 J	269	<0.00159	0.0047 J	--	<0.027	<0.00219	24.6	1.02	<0.000103	0.0039 J	0.0074 J	9.2	<0.00287	--	2740	--	295	4370	1.3 J	10300	11800
	4/16/2018	0.558	<0.00285	0.0183 J	0.439	0.0005 J	--	--	0.0037 J	--	0.419	<0.00219	--	0.734	<0.000103	<0.0021	0.0036 J	--	--	--	--	220	3010	<0.0251	4540	12400	
	10/15/2019	0.118 J	<0.00285	0.0177 J	0.418	<0.00028	--	<0.00159		--	0.116 J	<0.00219	--	0.791	<0.000103	0.0009 J	0.0036 J	--	<0.00287	--	--	--	196	855	<2.51	1730	11300
	11/16/2020	Well not accessed or sampled													Well not accessed or sampled												

Notes:

-- = not analyzed

< or ND = not detected above the method detection limit

^+ = Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

B = Compound was found in the blank and sample.

F1 = MS and/or MSD recovery exceeds control limits.

F2 = MS/MSD RPD exceeds control limits.

H = Sample was prepped or analyzed beyond the specified holding time.

J = analyte was positively identified and the quantitation is an estimation.

J- = analyte was positively identified and the quantitation is an estimation with a potentially low bias. J+ = analyte was positively identified and the

quantitation is an estimation with a potentially high bias. mg/L = milligram(s) per liter

NE = not established

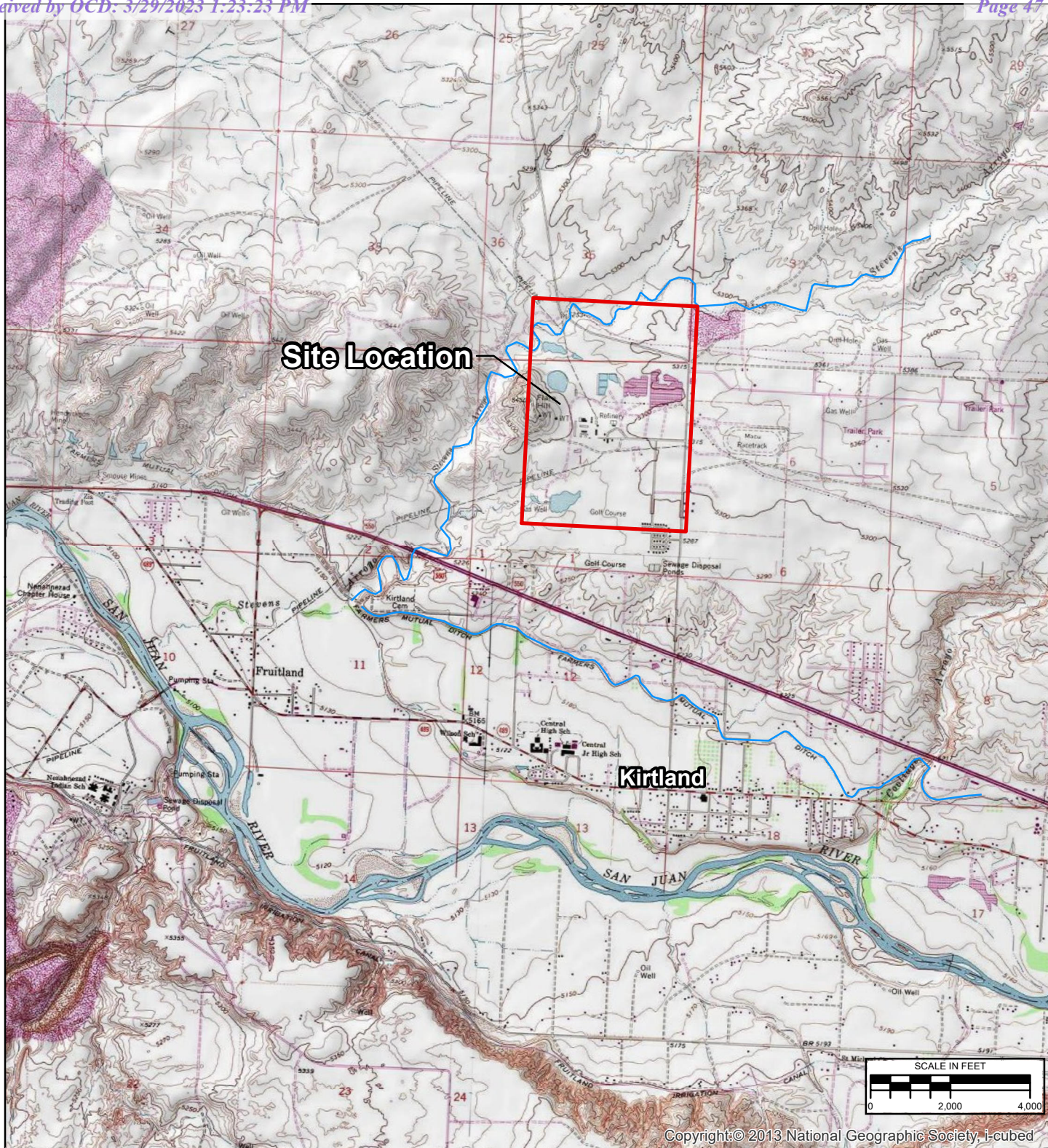
NMWQCC = New Mexico Water Quality Control Commision

LNAPL = Light Non-Aqueous Phase Liquids

Bold text indicates a detected concentration

Highlighted cells indicate a concentration exceeding the applicable NMWQCC standard Historical data for wells abandoned prior to 2017 has been removed from this Table.

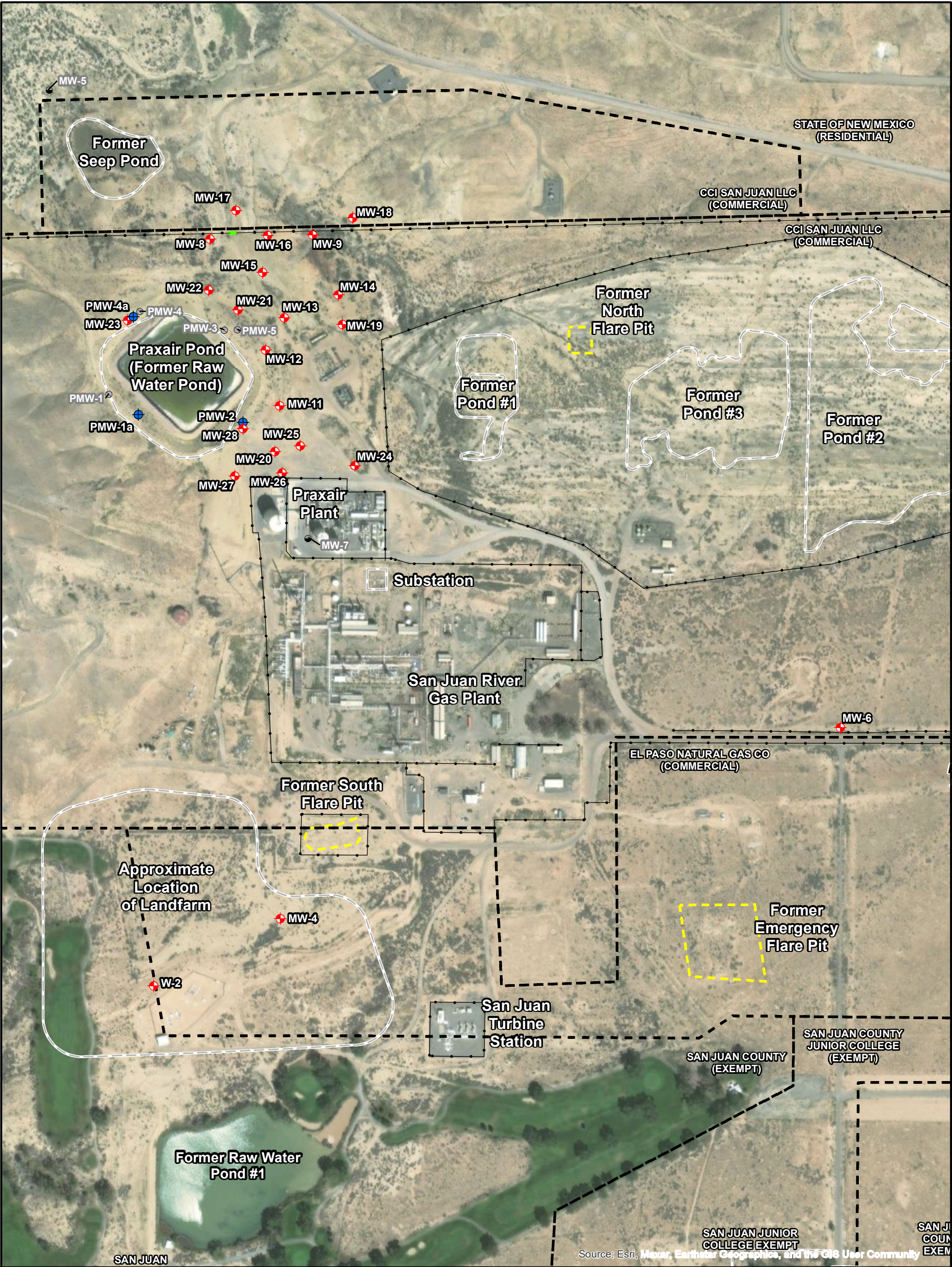
FIGURES



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/9/2021	SLG	SLG	SRV

TITLE		 Stantec
SITE LOCATION		
PROJECT	SAN JUAN RIVER GAS PLANT KIRTLAND, NEW MEXICO	FIGURE 1

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure2_SJRP_Site_Map.mxd



LEGEND

- MONITORING WELL
- PRAXAIR MONITORING WELL
- DESTROYED/ABANDONED PRAXAIR MONITORING WELL
- DESTROYED/ABANDONED EPNG MONITORING WELL
- HISTORICAL FEATURE
- PROPERTY BOUNDARY
- FENCE
- GATE
- FLARE PIT

NOTE:

AIR SPARGE INJECTION WELLS SW-08 AND SW-09 ARE LOCATED 10 FEET FROM MW-8 AND MW-9, RESPECTIVELY, AND ARE NOT SHOWN.

SCALE IN FEET

0

250

500

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-03-17	SAH	SAH	SRV

TITLE:

SITE PLAN

PROJECT:

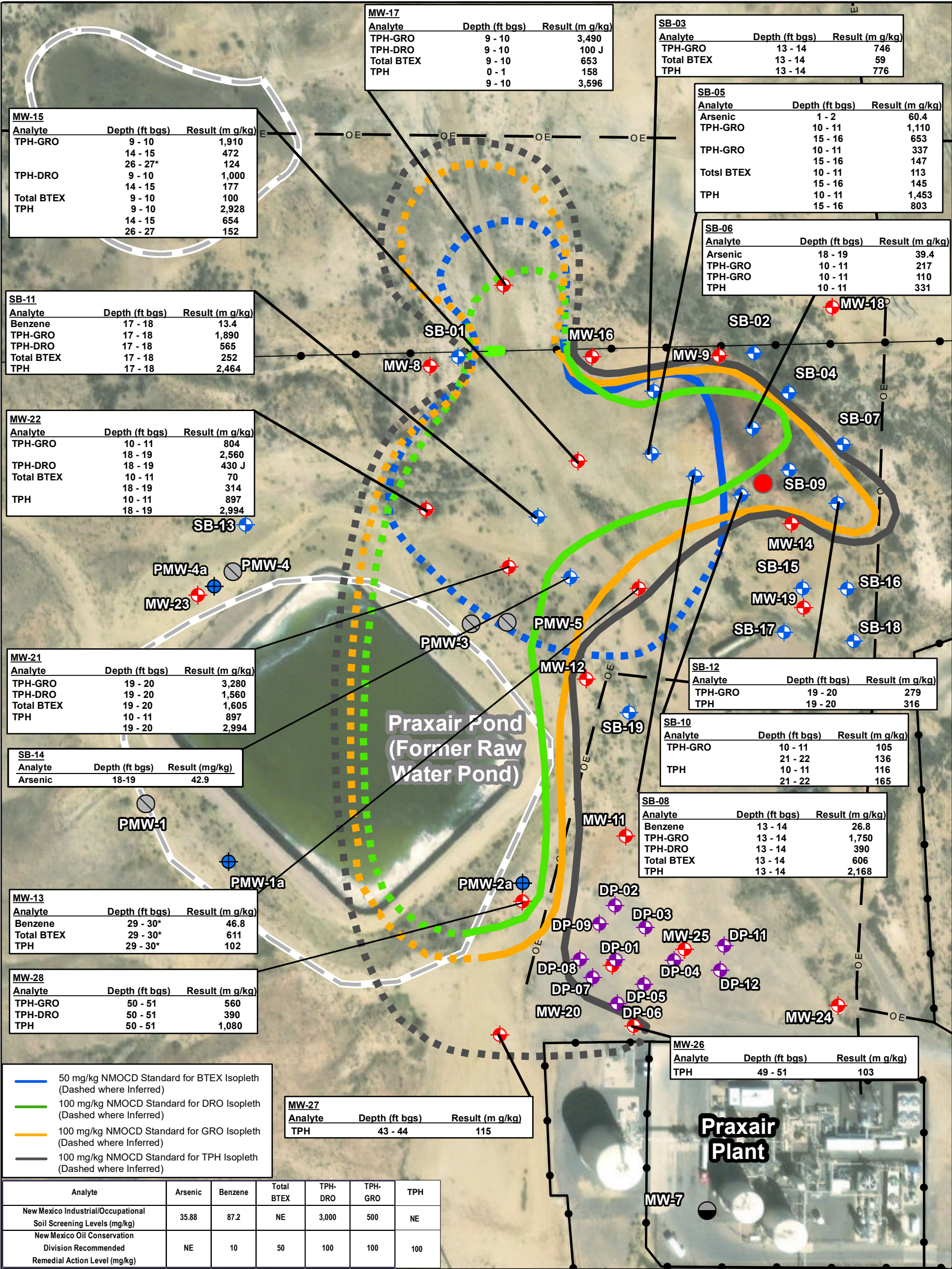
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Stantec

Figure No.:

2

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure3_SJRP_Soil_Exceedance_Map_V2.mxd



LEGEND

- MONITORING WELL
- PRAXAIR MONITORING WELL
- 2017 SOIL BORINGS
- 2022 SOIL BORINGS
- DESTROYED/ABANDONED PRAXAIR MONITORING WELL
- DESTROYED/ABANDONED EPNG MONITORING WELL
- HISTORICAL FEATURE OVERHEAD ELECTRIC
- FENCE
- CONDENSATE DISCHARGE

NOTES:

BTEX = benzene, toluene, ethylbenzene, and total xylenes
DRO = diesel range organics
ft bgs = feet below ground surface
GRO = gasoline range organics
J = analyte detected at concentration above instrument detection limit but below method detection limit
mg/kg = milligram(s) per kilogram
NE = not established
NMOCD = New Mexico Oil Conservation Division
* = the sample was collected below the water table
TPH = total petroleum hydrocarbons

Soil boring or monitoring well locations without concentration data either did not have any NMOCD exceedances for the constituents depicted, or were not sampled.

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

SCALE IN FEET

0 100 200

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-03-18	SAH	SAH	SRV

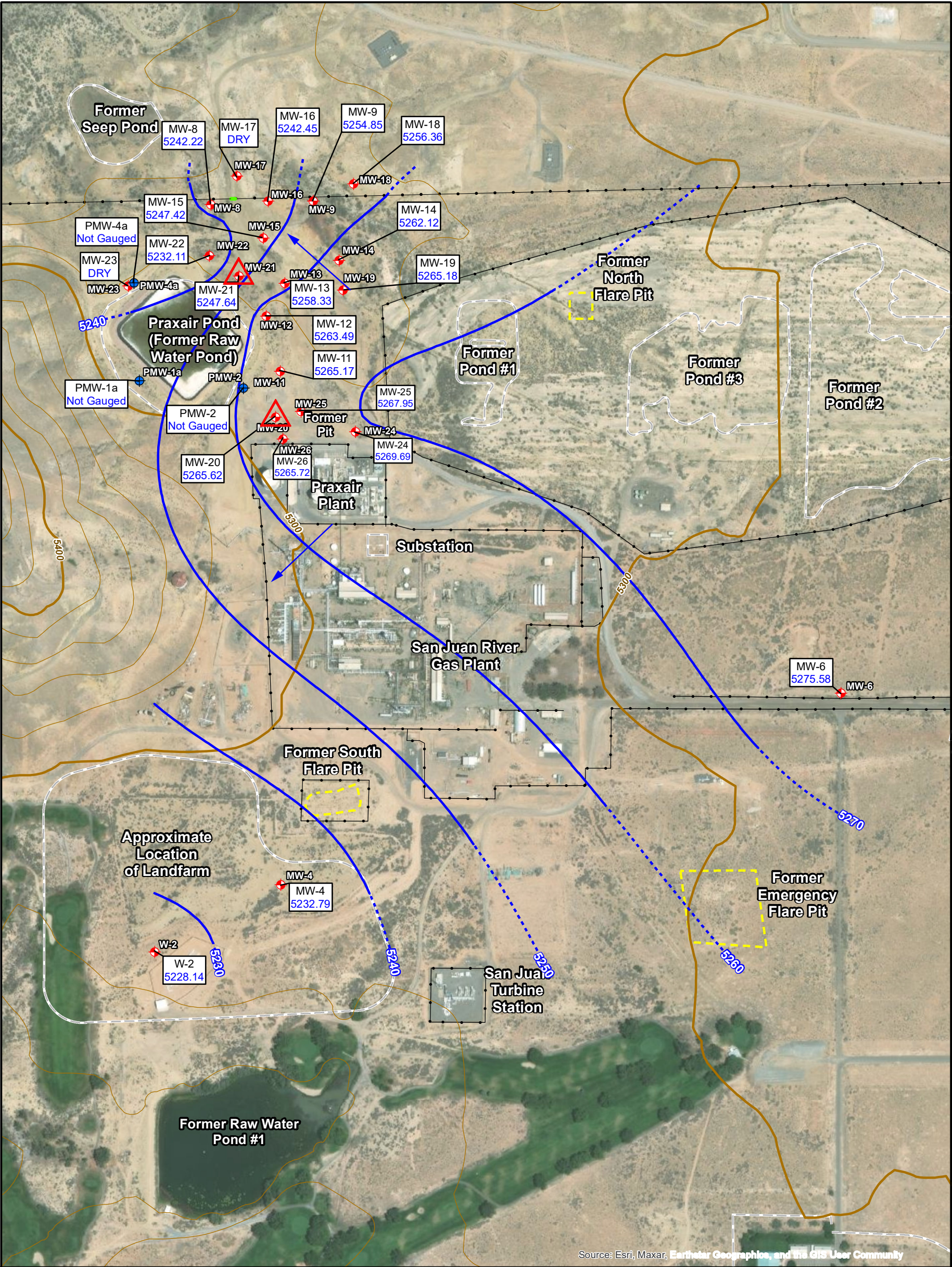
TITLE: **SOIL EXCEEDANCE MAP**

PROJECT: **SAN JUAN RIVER GAS PLANT KIRTLAND, NEW MEXICO**

Figure No.: **3**

Stantec

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure4_SJRP_May2022_GECM.mxd



LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT

- CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER FLOW DIRECTION

NOTE:
MW-17 WAS FOUND TO BE DRY AT 28.33 FEET BELOW TOP OF CASING.
MW-23 WAS FOUND TO BE DRY AT 57.81 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

0250500

SCALE IN FEET

REVISION

DATE

DESIGN BY

DRAWN BY

REVIEWED BY

2023-02-06

SAH

SAH

SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 17, 2022

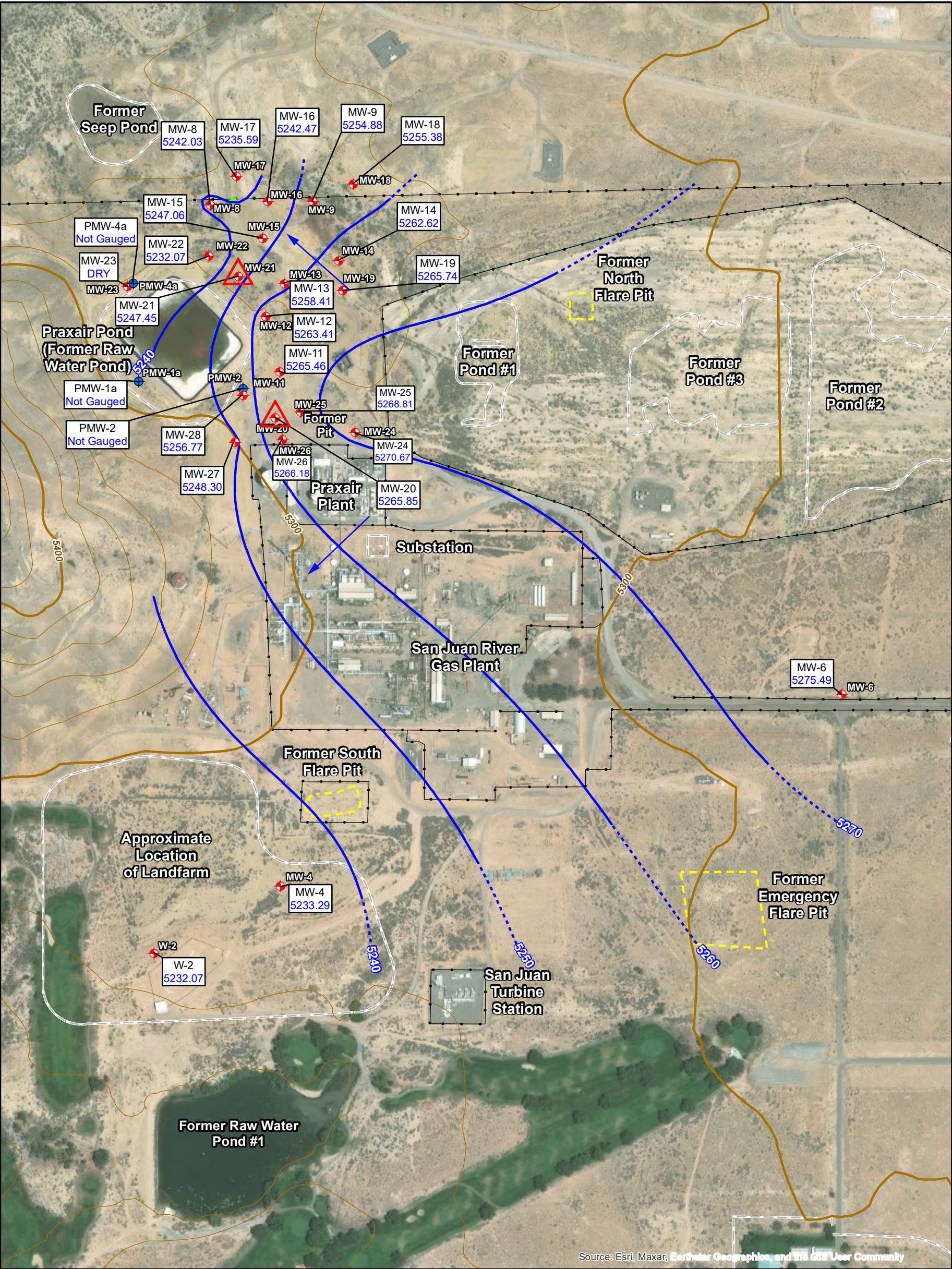
PROJECT:

SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO

Stantec

Figure No.:
4a

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure4_SJRP_Nov2022_GECM.mxd



LEGEND

MONITORING WELL

MONITORING WELL WITH MEASURABLE LNAPL

PRAXAIR MONITORING WELL

APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET

HISTORICAL FEATURE

FENCE

GATE

FLARE PIT

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

GROUNDWATER FLOW DIRECTION

NOTE:

MW-23 WAS FOUND TO BE DRY AT 60.50 FEET BELOW TOP OF CASING.

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

SCALE IN FEET

0

250

500

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-02-06	SAH	SAH	SRV

TITLE:

**GROUNDWATER ELEVATION MAP
OCTOBER 30, 2022**

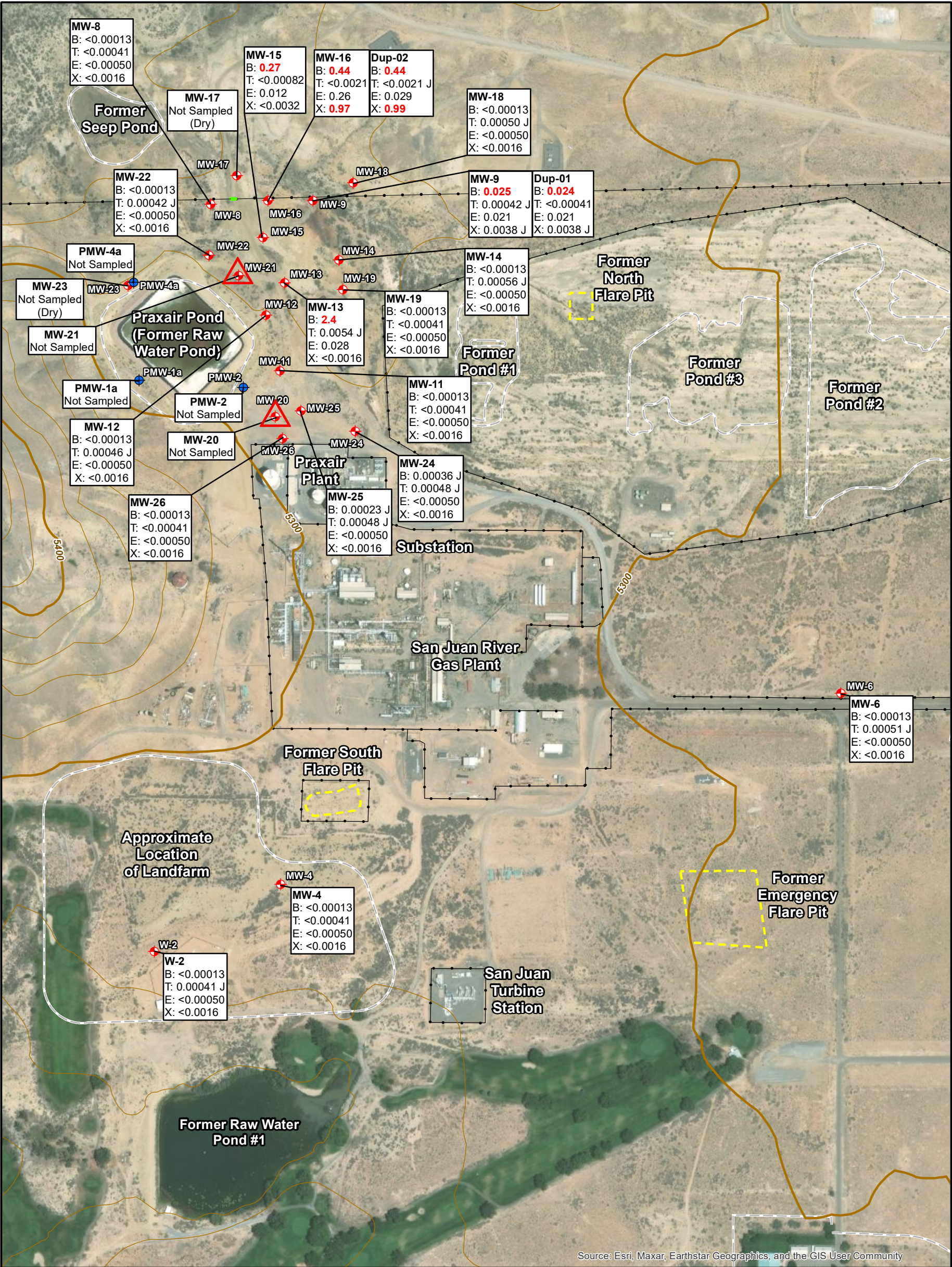
PROJECT:

**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Stantec

Figure No.:
4b

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure5_SJRP_Nov2022_GARM_BTEX.mxd



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT

NOTE:
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
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

ANALYTE	NMWQCC STANDARDS
B = Benzene	0.01 mg/L
T = Toluene	0.75 mg/L
E = Ethylbenzene	0.75 mg/L
X = Total Xylenes	0.62 mg/L

SCALE IN FEET

0250500

REVISION

DATE

DESIGN BY

DRAWN BY

REVIEWED BY

2022-06-30

SLG

SLG

SRV

TITLE:

**GROUNDWATER ANALYTICAL RESULTS
BTEX CONSTITUENTS
MAY 19, 2022**

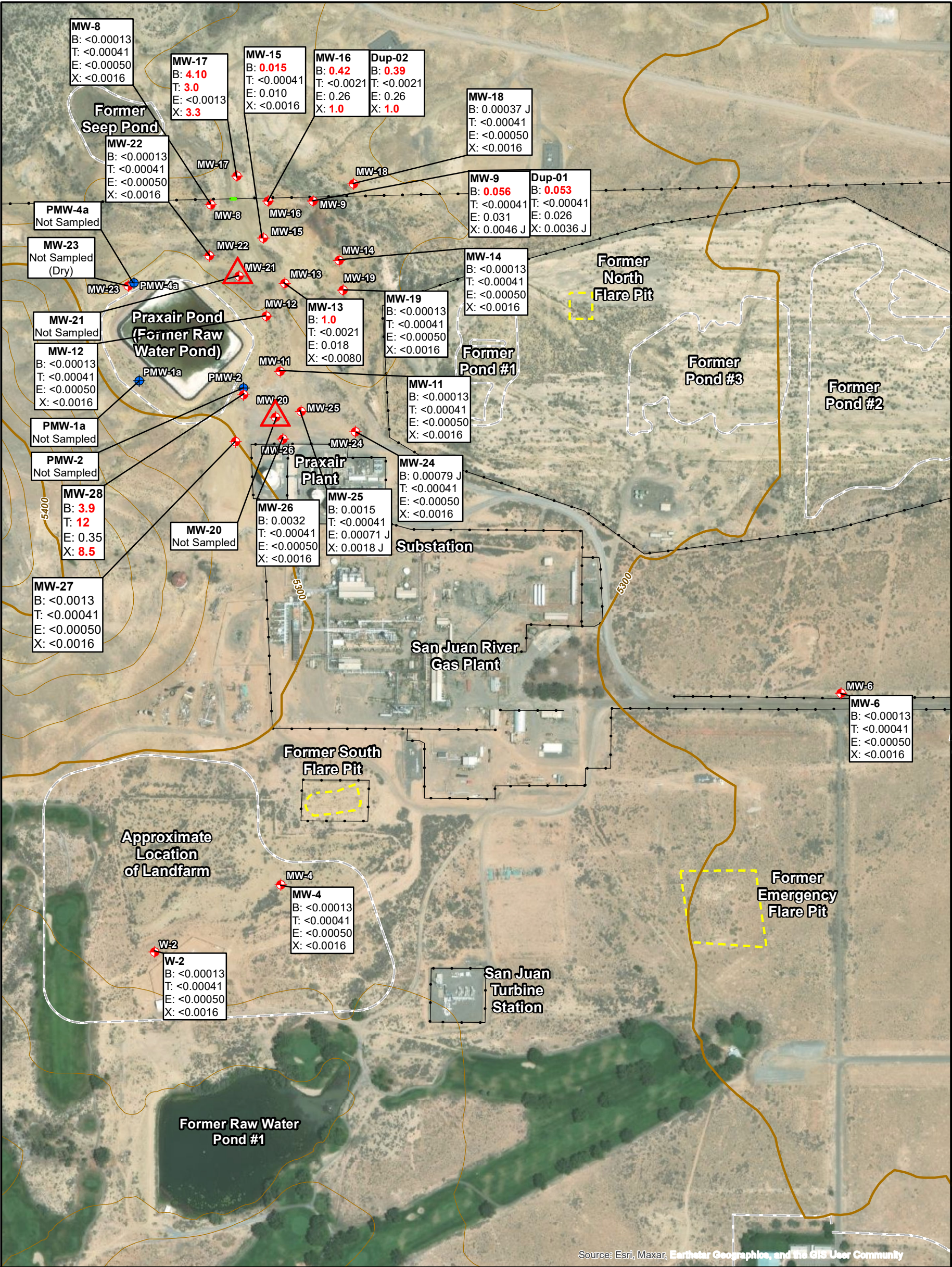
PROJECT:

**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Stantec

Figure No.:
5a

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2022 MAPS\Figure5_SJRP_Nov2022_GARM_BTEX.mxd



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT

NOTE:
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
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT
ANALYTE **NMWQCC STANDARDS**
B = Benzene 0.01 mg/L
T = Toluene 0.75 mg/L
E = Ethylbenzene 0.75 mg/L
X = Total Xylenes 0.62 mg/L

SCALE IN FEET

0 250 500

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-07-20	SLG	SLG	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS

BTEX CONSTITUENTS

OCTOBER 31 & NOVEMBER 1, 2022

PROJECT:

SAN JUAN RIVER GAS PLANT

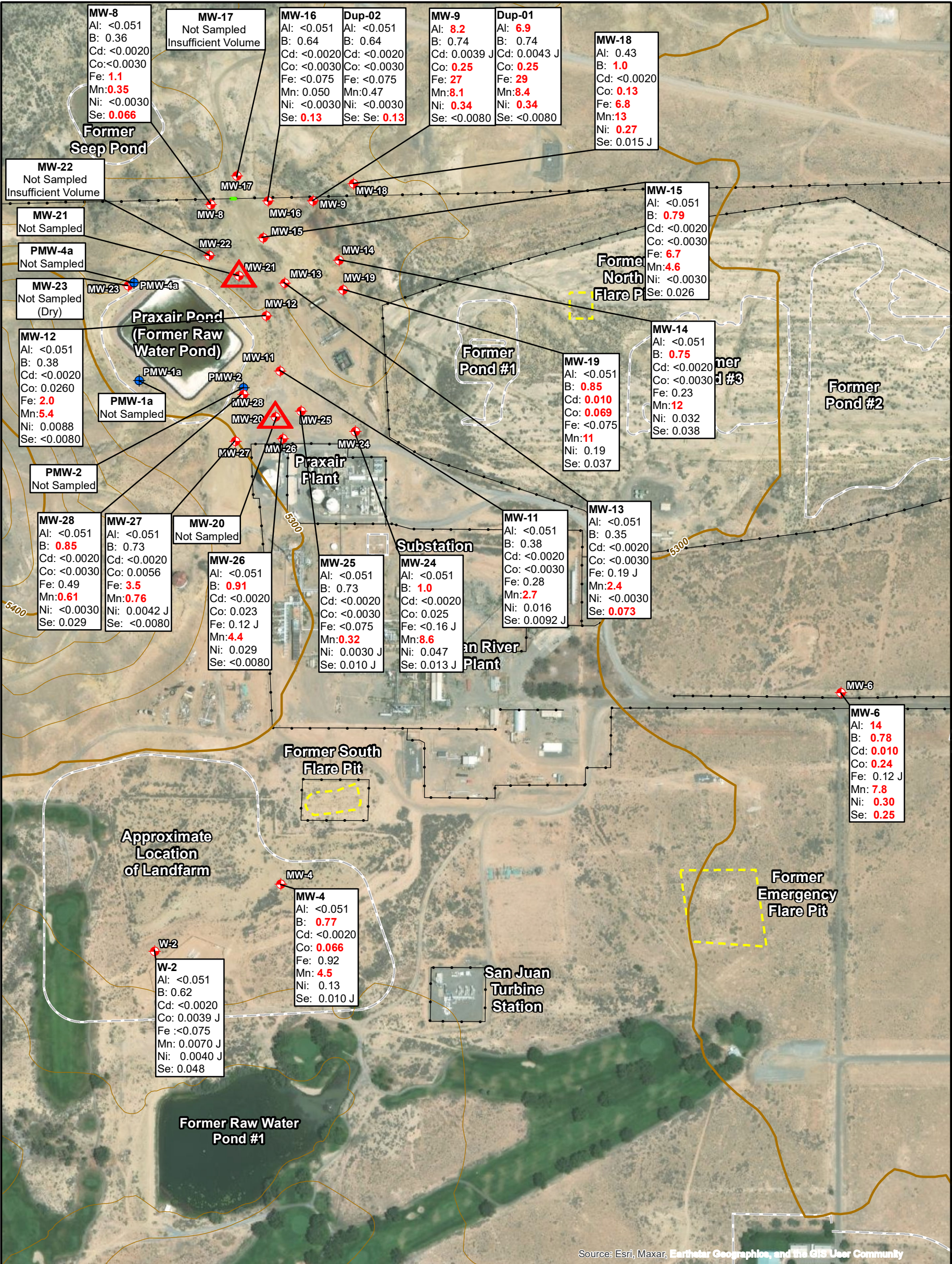
KIRTLAND, NEW MEXICO

Stantec

Figure No.:

5b

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\SAN JUAN RIVER GAS PLANT\2022 MAPS\Figure5_SJRP_Nov2022_GARM_DissMetals.mxd



LEGEND

- ABANDONED MONITORING WELL
- MONITORING WELL WITH MEASUREABLE LNAPL
- PRAXAIR MONITORING WELL
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT

NOTE:
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
J = INDICATES ESTIMATED CONCENTRATION INDETERMINATE BIAS
J- = INDICATES ESTIMATED CONCENTRATION BIAS LOW
J+ = INDICATES ESTIMATED CONCENTRATION BIAS HIGH
B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

ANALYTE	NMWWCC STANDARDS
Al = Aluminum	5 mg/L
B = Boron	0.75 mg/L
Cd = Cadmium	0.01 mg/L
Co = Cobalt	0.05 mg/L
Fe = Iron	1 mg/L
Mn = Manganese	0.2 mg/L
Ni = Nickel	0.2 mg/L
Se = Selenium	0.05 mg/L

0

250

500

SCALE IN FEET

REVISION

DATE

DESIGN BY

DRAWN BY

REVIEWED BY

2023-01-20

SAH

SAH

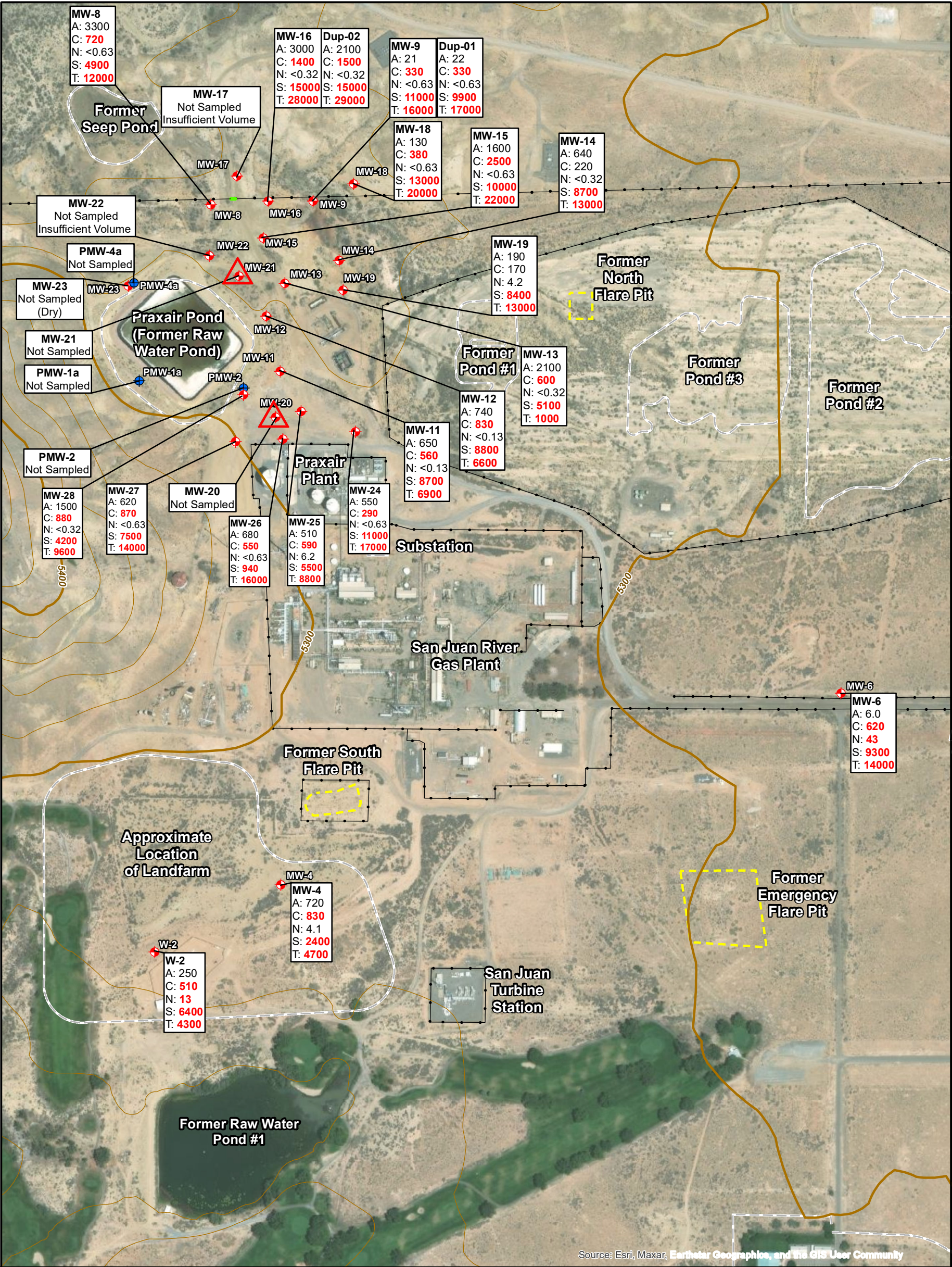
SRV

TITLE:
**GROUNDWATER ANALYTICAL RESULTS
DISSOLVED METALS
OCTOBER 31 & NOVEMBER 1, 2022**

PROJECT:
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Figure No.:
6

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2022 MAPS\Figure6_SJRP_Nov2022_GARM_Inorganics.mxd



LEGEND

- ABANDONED MONITORING WELL
- MONITORING WELL WITH MEASUREABLE LNAPL
- PRAXAIR MONITORING WELL
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT

NOTE:

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
J = INDICATES ESTIMATED CONCENTRATION INDETERMINATE BIAS
J- = INDICATES ESTIMATED CONCENTRATION BIAS LOW
-- = NOT ANALYZED
J+ = INDICATES ESTIMATED CONCENTRATION BIAS HIGH
B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

ANALYTE	NMWQCC STANDARDS
A = Alkalinity	No Standard
C = Chloride	250 mg/L
N = Nitrate + Nitrite	10 mg/L
S = Sulfate	600 mg/L
T = Total Dissolved Solids	1000 mg/L

0250500

SCALE IN FEET

REVISION

DATE

DESIGN BY

DRAWN BY

REVIEWED BY

2023-01-20

SAH

SAH

SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS

INORGANICS

OCTOBER 31 & NOVEMBER 1, 2022

PROJECT:

SAN JUAN RIVER GAS PLANT

KIRTLAND, NEW MEXICO

Figure No.:

7

APPENDICES

APPENDIX A

From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming product recovery activities
Date: Tuesday, March 15, 2022 5:17:37 PM

Hi Cory -

This correspondence is to provide notice to the NMOCD of planned product recovery activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The site activities are to occur on March 22, 2022.

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

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

From: [Varsa, Steve](#)
To: Nelson.Velez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: San Juan River Gas Plant (Incident Number NAUTOFRM000157) - Notice of upcoming sampling activities
Date: Wednesday, March 30, 2022 6:00:04 PM

Hi Nelson –

This correspondence is to provide notice to the NMOCD of planned direct push soil assessment activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The soil assessment activities are to begin on April 5, 2022, and will conclude by the end of the week. A work plan for these activities was submitted in the e-permitting portal.

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

Thank you,
Steve

Stephen Varsa, P.G.

Senior Hydrogeologist
Stantec Environmental Services

Note – we have moved!

11311 Aurora Avenue
Des Moines, Iowa 50322

Direct: (515) 251-1020

Cell: (515) 710-7523

Office: (515) 253-0830

steve.varsa@stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

From: [Varsa, Steve](#)
To: Nelson.Velez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming groundwater sampling activities
Date: Thursday, May 12, 2022 8:27:30 AM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of groundwater sampling and monitoring activities at the above-referenced El Paso Natural Gas Company (EPNG) site. These activities are to occur on May 17, 2021.

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

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

From: [Varsa, Steve](#)
To: Nelson.Velez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: San Juan River Gas Plant (Incident Number NAUTOFRM000157) - Notice of upcoming monitoring well installation activities
Date: Monday, July 18, 2022 11:28:23 AM

Hi Nelson –

This correspondence is to provide notice to the NMOCD of planned monitoring well installation activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The monitoring well installation activities are to begin on July 26, 2022, and will conclude by the end of the week. A work plan for these activities was submitted in the e-permitting portal.

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

Thank you,
Steve

Stephen Varsa, P.G.

Senior Hydrogeologist
Stantec Environmental Services

Note – we have moved!

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

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

From: [Varsa, Steve](#)
To: Nelson.Velez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming product recovery activities
Date: Monday, July 18, 2022 3:34:25 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of planned product recovery activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The site activities are to occur on July 28, 2022.

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

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

From: [Varsa, Steve](#)
To: Nelson.Velez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming groundwater sampling activities
Date: Wednesday, October 26, 2022 3:16:51 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of groundwater sampling and monitoring activities at the above-referenced El Paso Natural Gas Company (EPNG) site. These activities are to occur on October 30 and 31, 2022.

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

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

APPENDIX B





Drilling Log

Soil Boring **DP-01**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5292.25 ft North 2096779.249 East 2566059.881
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 11.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger/Geoprobe Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/6/2022 Checked By S. Varsa

COMMENTS

Nearby monitoring well MW-20 had a depth to water of 26.55 feet (elevation of 5265.62 feet ASL). Hand-auger samples collected during hydro-excavation activities to a depth of 10 feet.

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.	Elevation (ft)
0							5292.254
	NM	100%			SC	Sand, slightly clayey, brown, loose, slightly moist, sand is fine-grained with fine gravel present.	5292
2	0.0					Sand, silty, light brownish-gray to buff below 2', very loose, dry to slightly moist, very well sorted. Hand auger refusal at 5'.	5290
	0.0	100%			SM		
4	0.0						5288
6	NM					Hydro-excavated.	5286
	NM						
8	NM	0%					5284
	NM						
10	0.0	DP-01 10-11' 100%			SC	Sand, clayey, slightly silty, tan to yellowish-orange, dense, dry to slightly moist. Probe refusal/no recovery at 11'.	5282
12						End of boring = 11'	5280
14							5278

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring DP-02

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5291.68 ft North 2096851.549 East 2566059.266
 Top of Casing NA Water Level Initial Dry Static NA
 Hole Depth 8.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/6/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 8 feet.

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.	Elevation (ft)
0							5291.68
0.0	0.0	100%			SM	Sand, slightly silty, very light brown, very loose, slightly moist, very well sorted.	
2.0	0.0	100%			SC	Sand, slightly clayey, yellowish-orange, loose, slightly moist, very well sorted.	5290
4.0	0.0 0.0	100%			SP	Sand, very slightly silty, tan to buff, loose, slightly moist, very well sorted. Hand auger refusal/no recovery at 4'.	5288
6.0	NM NM NM	0%				Hydro-excavated to refusal at 8'.	5286
8.0	NM						5284
10.0						End of boring = 8'	5282
12.0							5280
14.0							5278

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring **DP-03**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5290.03 ft North 2096822.178 East 2566099.462
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 7.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/6/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 7 feet.

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.	Elevation (ft)
0							5290.031
0.0	0.0	100%			SM	Sand, silty, grayish-tan to buff, very loose, slightly moist, very well sorted.	
0.0	0.0	100%			SM	Sand, slightly silty, yellowish-orange, loose, slightly moist, very well sorted.	
2	0.0	100%			SM	Sand, slightly silty, tan to buff, loose, slightly moist, very well sorted. Hand auger refusal/no recovery at 3.5'.	5288
4	NM					Hydro-excavated to refusal at 7'.	5286
	NM						
	NM	0%					
6	NM						5284
	NM						
8						End of boring = 7'	5282
10							5280
12							5278
14							5276

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring **DP-04**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5289.28 ft North 2096778.493 East 2566137.918
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 2.5 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/6/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 2.5 feet.

☒ 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.	Elevation (ft)
0						Hydro-excavated to refusal on quartzite at 2.5'. Cobbles present in top 1'.	5289.284
2	NM	0%					5288
4	NM					End of boring = 2.5'	5286
6							5284
8							5282
10							5280
12							5278
14							5276

Drilling Log SJRP.GPJ MWH IA GDT 12/8/22



Drilling Log

Soil Boring **DP-05**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5291.67 ft North 2096746.496 East 2566097.807
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 13.5 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger/Geoprobe Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/6/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 10 feet.

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.	Elevation (ft)
0							5291.666
0.0		100%			CL	Clay, sandy with fine gravel, some cobbles present in top 1', light brown, soft, slightly moist. Hand auger refusal on cobble/no recovery at 2.5'.	
2	0.0	100%					5290
						Hydro-excavated.	
4	NM						5288
	NM						
6	NM						5286
	NM	0%					
8	NM						5284
	NM						
10	NM						5282
0.0		100%			SC	Sand, very slightly clayey/silty, yellowish-orange, dense, slightly moist, very well sorted and very fine-grained. Hard probing.	
12							5280
	DP-05						
	12.5-						
	13.5'				SM	Same as above, but slightly more silty to 13.25'. then very silty to 13.5', very dense to stiff at 13.5, dry below 13'. Probe refusal/no recovery at 13.5'	
	0.0	100%					
14	0.0						5278
						End of boring = 13.5'	

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring **DP-06**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5294.65 ft North 2096720.852 East 2566062.063
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 11.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger/Geoprobe Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/7/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 10 feet.

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.	Elevation (ft)
0						Clay, very sandy with fine gravel, light brown, soft, slightly moist.	5294.645
0.0					CL		5294
2							5292
0.0		100%					
4					CL	Clay, sandy, trace fine gravel, less clay below 4', tan to buff, soft, slightly moist, sand is very fine-grained. Hand auger refusal/no recovery at 6'.	5290
0.0							
6						Hydro-excavated.	5288
0.0							
8							5286
0.0		0%					
10					SM	Sand, silty, yellowish-orange, dense, slightly moist, very fine-grained, trace crystalline gravel, slight CaCO ₃ at 10.5'. Probe refusal/no recovery at 11'.	5284
0.0							
12						End of boring = 11'	5282
14							5280

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring DP-07

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5293.52 ft North 2096755.309 East 2566029.405
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 10.3 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger/Geoprobe Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/7/2022 Completion Date 4/7/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 10 feet.

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.	Elevation (ft)
0							5293.515
0.0		100%			CL	Clay, very silty to silt, slightly sandy, trace fine gravel, light brown, soft, slightly moist. Hand auger refusal on cobble/no recovery at 1.5'.	
2	NM					Hydro-excavated.	5292
4	NM						5290
6	NM	0%					5288
8	NM						5286
10	0.0	10.25' 100%				Weathered sandstone, silty, fine with some coarse grains, yellowish-orange, very dense/hard, dry. Probe refusal/no recovery at 10.25'. End of boring = 10.25'	5284 5282 5280

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring **DP-08**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5294.09 ft North 2096779.91 East 2566012.269
 Top of Casing NA Water Level Initial Dry Static NA
 Hole Depth 8.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/5/2022 Completion Date 4/8/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 8 feet.

☒ 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.	Elevation (ft)
0						Hydro-excavated to refusal at 8'.	5294.091
2	NM						5292
4	NM	0%					5290
6	NM						5288
8	NM					End of boring = 8'	5286
10							5284
12							5282
14							5280

Drilling Log SJRP.GPJ MWH IA GDT 12/8/22



Drilling Log

Soil Boring **DP-09**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5292.34 ft North 2096827.202 East 2566038.132
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 1.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/7/2022 Completion Date 4/7/2022 Checked By S. Varsa

COMMENTS

Hand-auger sample collected during hydro-excavation activities to a depth of 1 foot.

☒ 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.	Elevation (ft)
0	NM	0%				Hydro-excavated to refusal on quartzite at 1'.	5292.343
2						End of boring = 1'	5290
4							5288
6							5286
8							5284
10							5282
12							5280
14							5278

Drilling Log SJRP.GPJ MWH IA GDT 12/8/22



Drilling Log

Soil Boring **DP-11**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5287.39 ft North 2096797.867 East 2566204.542
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 7.0 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/7/2022 Completion Date 4/7/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 7 feet.

☒ 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.	Elevation (ft)
0						Hydro-excavated to refusal at 7'.	5287.394
2	NM	0%					5286
4	NM						5284
6	NM						5282
8	NM					End of boring = 7'	5280
10							5278
12							5276
14							5274

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22



Drilling Log

Soil Boring **DP-12**

Page: 1 of 1

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5288.08 ft North 2096764.927 East 2566199.211
 Top of Casing NA Water Level Initial ▼ Dry Static ▼
 Hole Depth 4.5 ft Screen: Diameter NA Length NA Type/Size NA
 Hole Diameter 18.0 in Casing: Diameter NA Length NA Type NA
 Drill Co. Vista Geoscience Drilling Method Hand Auger Sand Pack NA
 Driller Jon Meier Driller Reg. # WD-1790 Log By Chris Hiatt
 Start Date 4/7/2022 Completion Date 4/7/2022 Checked By S. Varsa

COMMENTS

Hand-auger samples collected during hydro-excavation activities to a depth of 4.5 feet.

☒ 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.	Elevation (ft)
0							5288.08
2	NM	0%				Hydro-excavated to refusal on quartzite at 4.5'.	5286
4	NM						5284
6						End of boring = 4.5'	5282
8							5280
10							5278
12							5276
14							5274

Drilling Log SJRP.GPJ MWH IAGDT 12/8/22

APPENDIX C



Drilling Log

Monitoring Well

MW-27

Page: 1 of 2

Project San Juan River Gas Plant Owner El Paso Natural Gas Company

Location Kirtland, New Mexico Project Number 193709094

Surface Elev. 5302.15 ft North 2096680.799 East 2565905.931

Top of Casing 5304.67 ft Water Level Initial 5244.24 07/30/22 00:00 Static 5248.3 10/30/22 00:00

Hole Depth 58.0 ft Screen: Diameter 4 in Length 30.0 ft Type/Size SCH 40 PVC/0.01 in

Hole Diameter 8.25 in Casing: Diameter 4 in Length 31.4 ft Type SCH 40 PVC

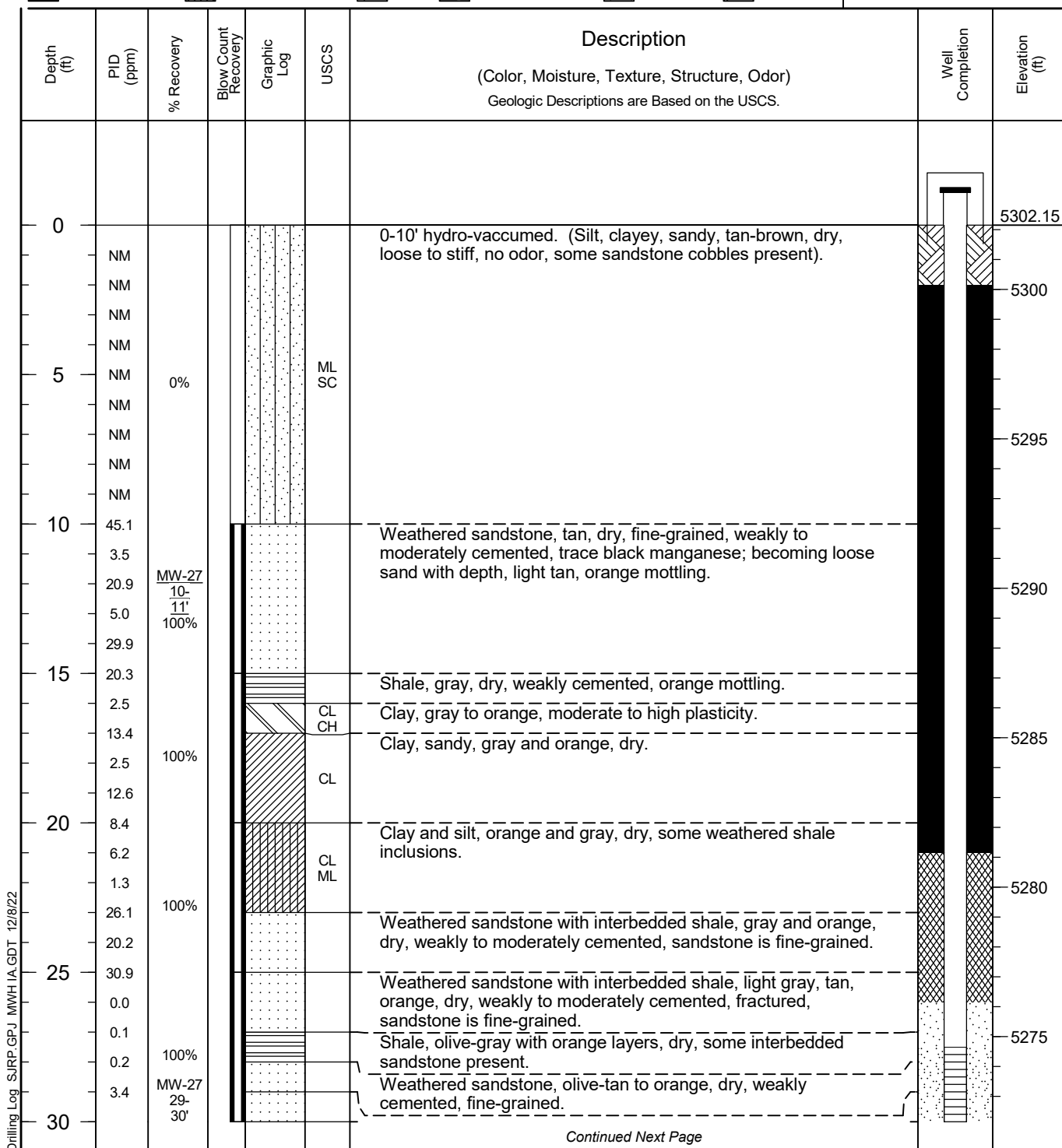
Drill Co. Cascade Drilling Method Sonic Sand Pack 12/20

Driller Manny Villalobos Driller Reg. # WD-1664 Log By R. Malcomson

Start Date 7/26/2022 Completion Date 7/27/2022 Checked By S. Varsa

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

COMMENTS





Drilling Log

Monitoring Well **MW-27**

Page: 2 of 2

Project San Juan River Gas PlantOwner El Paso Natural Gas CompanyLocation Kirtland, New MexicoProject Number 193709094

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion	Elevation (ft)
Continued								
30	1.9	100%			SM	Weathered sandstone, gray, dry, weakly to strongly cemented.		5270
	1.3					Weathered sandstone, orange, gray, tan, dry, moderately to strongly cemented, fine-grained, massive, trace caliche.		
	1.0							
	0.2					Sand, silty, medium brown and gray, slightly moist, fine-grained.		
	0.0							
35	0.2	100%				Weathered shale, dark gray, some orange layers, dry, weakly cemented becoming stronger with depth, fissile.		5265
	0.9							
	2.1							
	2.5					Clay, gray-brown, slightly moist.		
	0.0							
40	0.0	100% MW-27 43- 44'				Weathered shale, dark gray and orange, dry, weakly to moderately cemented to 44' then strongly cemented, fractured with manganese and caliche linings, 2-3" very strong and competent bedding in bottom 1 foot .		5260
	27.1							
	28.8							
	29.8							
	10.3							
45	13.4	100%				Weathered shale, gray, dry, becomes more strongly cemented with depth, fractured, bedding not visible.		5255
	89							
	17.3							
	17.2							
	15.9							
50	29.2	100%				Weathered shale, dark gray to gray, slightly moist, weakly to strongly cemented.		5250
	5.2							
	10.7							
	14.2							
	14.3							
55	20.6	100%				Weathered shale, gray to dark gray, dry, weakly to strongly cemented.		5245
	NM							
	NM							
	NM							
	NM							
60								5240
65								5235
70								

Drilling Log SJRP.GPJ MWH JA GDT 12/8/22

www.ose.state.nm.us

Released to Imaging: 5/22/2023 11:15:12 AM

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	10	10	No Data Hydro Vac	Y	N	
	10	20	10	Sandy Lean clay, Dark gray	Y	N	
	20	58	38	Shale,dark gray	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): 0.00	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION:							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:							
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.						
				Shawn Cain		8-1-22	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME			DATE			



Drilling Log

Monitoring Well **MW-28**

Page: 1 of 2

Project San Juan River Gas Plant Owner El Paso Natural Gas Company
 Location Kirtland, New Mexico Project Number 193709094
 Surface Elev. 5295.20 ft North 2096858.662 East 2565935.635
 Top of Casing 5297.55 ft Water Level Initial 5241.17 07/30/22 00:00 Static 5256.77 10/30/22 00:00
 Hole Depth 60.0 ft Screen: Diameter 4 in Length 30.0 ft Type/Size SCH 40 PVC/0.01 in
 Hole Diameter 8.25 in Casing: Diameter 4 in Length 33.0 ft Type SCH 40 PVC
 Drill Co. Cascade Drilling Method Sonic Sand Pack 12/20
 Driller Manny Villalobos Driller Reg. # WD-1664 Log By R. Malcomson
 Start Date 7/27/2022 Completion Date 7/28/2022 Checked By S. Varsa

COMMENTS

0-4.5' hydro-vacuumed. Tooling refusal on apparent rock.

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

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion	Elevation (ft)
0						0-4.5' hydro-vacuumed.		5295.20
	NM							
	NM	0%						
	NM							
	NM							
5	4.0					Weathered sandstone, yellow tan with trace orange mottling to gray tan, loose, dry, weakly to moderately cemented, fine-grained.		5290
	1.3							
	14.5							
	4.0	31%						
	2.5	100%						
10	2.0							5285
	27.8	MW-28 11-12'						
	4.2					Weathered shale, gray to brown, dry, weakly cemented, non-cohesive, no bedding visible.		
	1.8	100%						
	11.0							
15	2.7					Interbedded weathered sandstone and shale, orange and gray, dry, loose sand, moderately to strongly cemented.		5280
	1.7					Sandstone, gray, tan, orange, hard, dry, fine-grained, 2" beds, interbedded with weathered gray shale.		
	15.0							
	11.8	100%						
	1.3							
20	17.4					Weathered sandstone, tan to gray becoming gray to tan with depth, loose sand overall, dry, fine-grained, weakly to strongly cemented, fractures from 23-25' with trace dark orange lining.		5275
	8.9							
	0.9	MW-28 20-21'						
	2.1	100%						
	1.7							
25	0.7					Weathered sandstone, gray and orange, loose, dry to slightly moist, fine-grained, weakly to moderately cemented,		5270
	3.0							
	3.2					Weathered shale, dark brown, black, dark orange, broken.		
	2.8	100%				Weathered shale, tan-gray, dry, broken, 3 to 4-inch competent fragments.		
	5.1							
30								

Continued Next Page



Drilling Log

Monitoring Well **MW-28**

Page: 2 of 2

Project San Juan River Gas PlantOwner El Paso Natural Gas CompanyLocation Kirtland, New MexicoProject Number 193709094

Depth (ft)	PID (ppm)	% Recovery	Blow Count Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion	Elevation (ft)
30	5.7					<i>Continued</i>		
9.4						Shale, gray, dark gray, orange, dry, weakly to moderately cemented, fractured.		5265
3.2						Shale, dark gray to black, dry, moderately to strongly cemented, laminar bedding visible, orange mottling in fractures, some interbedded coal present.		
4.5		100% MW-28 31-32'				Shale, gray and orange, dry to damp, weakly to moderately cemented, bedding visible, fractured.		
1.3						Shale, black, orange, dark gray, damp on some fracture faces, moderately cemented, fractured.		5260
8.4						Weathered limestone, medium gray with orange, damp, fractured.		
3.9						Shale, gray, trace orange, hard, dry, fractured, 6" thick bedding.		
4.5		100%						
2.5								
5.6								
40	0.8					Shale, medium gray, trace orange, damp, weak to moderately cemented, fractured.		5255
6.8								
5.5		100%						
2.7								
6.7						Shale, brown-gray to medium gray, dry to damp, moderately to strongly cemented, fractured, 1-2" thick bedding.		5250
45	1.5							
3.7								
2.9		100%				Shale, medium to dark gray, dry to damp, moderately to strongly cemented, hydrocarbon odor 50-51', 1-2" thick bedding.		
8.2								
6.7								
50	102							5245
1950								
114.4		MW-28 50-51' 100%				Weathered shale, gray to medium dark gray-green, dry, weakly to strongly cemented, bedding up to 3" thick, hydrocarbon odor.		
315.6								
47.0								
55	111.9							5240
870								
2209		100%				Weathered shale, dark gray, very hard, damp on fracture faces.		
107.6								
819.5								
60	23.6							5235
65								5230
70								

Drilling Log SJRP.GPJ MWH IA GDT 12/8/22



www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) MW-28		WELL TAG ID NO.		OSE FILE NO(S). SJ-4231 POD22-23			
	WELL OWNER NAME(S) El Paso Natural Gas Company, L.L.C. 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		MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE	36° 45 40.5504		N			
LONGITUDE		108° 22 11.4564		W				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE/4, MW/4, Sec.1, T29N,R15W, San Juan County, NM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling L.P		
	DRILLING STARTED 7/27/2022		DRILLING ENDED 7/28/2022		DEPTH OF COMPLETED WELL (FT) 60	BORE HOLE DEPTH (FT) 60	DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Sonic							
	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	30	8	Pvc sch 40	Flush Thread	4.026	0.237	
	30	60	8	Pvc sch 40	Flush Thread	4.026	0.237	0.010
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	2	8	Concrete	.5	Hand poured		
	2	22	8	Cement Bentonite grout	6.8	Tremie		
	22	28	8	Bentonite chips	.6	Gravity		
	28	60	8	12/20 sand	7.75	Gravity		

WR-20 WELL RECORD & LOG (Version 04/30/19)

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	5	5	No data Hydro Vac	Y	N	
	5	20	15	Sandy lean clay dark gray	Y	N	
	20	60	40	Shale dark gray	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): 0.00	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION:							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:							
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.						
	 Shawn Cain				8-1-22		
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	

APPENDIX D

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-832-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE

GENERATOR:

HAULING CO:

ORDERED BY:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste☐ Produced Water☐ Drilling/Completion FluidsSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		San Juan River Gas Plant	1	.70			.70	
2								
3								
4								
5								

I, Sean R. Clary, representative or authorized agent for _____ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non -exempt waste.

☒ Approved☐ Denied

ATTENDANT SIGNATURE

Anthony T

SAN JUAN PRINTING 2020 1973-1

824150

NO.

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DEL. TKT#.

BILL TO:

DRIVER:

(Print Full Name)

CODES:

BOL# 73058

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-24-22 TIME 1445 Attach test strip hereCUSTOMER EL PASOSITE Rio Vista camp stationDRIVER [Signature]SAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST 315 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1445 Time completed 1457PASS 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 # 74128

GENERATOR El PasoPOINT OF ORIGIN S. J River gas PlantTRANSPORTER RileyDATE 07.26.22 JOB # 14073-0059

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Hydrovac cont soil			18	-	-	17034	1130	<i>[Signature]</i>
-	BF	Washout by Riley			5	-	-	17034	1130	<i>[Signature]</i>
2	BF	Hydrovac cont soil			2	-	-	17034	1555	<i>[Signature]</i>
-	BF	Washout			5	-	-	17034	1555	<i>[Signature]</i>
					22					

SCANNED

RESULTS			LANDFARM EMPLOYEE <i>Cary Robinson</i>	☐ Soil w/ Debris ☐ After Hours/Weekend Removal ☐ Scrape Out ☐ Wash Out	NOTES
-294	CHLORIDE TEST	2			
	CHLORIDE TEST				
	CHLORIDE TEST				
Pass	PAINT FILTER TEST	2	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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

BOL# 74128

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-26-22 TIME 1130 Attach test strip here

CUSTOMER (Stanlec) El Paso.

SITE SJ River gas plant

DRIVER J. Goyler

SAMPLE Soil ☒ Straight ☒ With Dirt ☐

CHLORIDE TEST 294 mg/Kg

ACCEPTED YES ☒ NO ☐

PAINT FILTER TEST Time started 1130 Time completed 1140

PASS YES ☒ NO ☐

SAMPLER/ANALYST Camy Rob



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

BOL# 74128

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-26-22 TIME 1555 Attach test strip here

CUSTOMER EL PASO

SITE SJ River gas plant

DRIVER J. Goyler

SAMPLE Soil ☒ Straight ☒ With Dirt ☐

CHLORIDE TEST 294 mg/Kg

ACCEPTED YES ☒ NO ☐

PAINT FILTER TEST Time started 1555 Time completed 1610

PASS YES ☒ NO ☐

SAMPLER/ANALYST Camy Rob



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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-138
Revised August 1, 2011

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: El Paso Natural Gas Company L.L.C., 1001 Louisiana Street, Room 1445B, Houston, TX 77002
2. Originating Site(s): San Juan River Gas Plant
3. Location of Material (Street Address, City, State or ULSTR): 99 Road 6500, Kirtland, New Mexico
4. Source and Description of Waste: Historic releases occurred on the above-referenced property. As part of environmental investigation activities, soil borings will be cleared via hydro-excavation prior to being advanced for soil sample collection. The hydro-excavation spoils and soil cuttings generated from these activities will be removed from the Site.
Estimated Volume ⁵ (yd ³) bbls Known Volume (to be entered by the operator at the end of the haul) yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>Joseph Wiley</u> , representative or authorized agent for <u>El Paso Natural Gas Company L.L.C.</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☒ Per Load ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, <u>Joseph Wiley</u> , representative for <u>El Paso Natural Gas Company L.L.C.</u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Envirotech, Inc.

OCD Permitted Surface Waste Management Facility

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

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

Waste Acceptance Status:

☐ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____

Surface Waste Management Facility Authorized Agent



SPECIAL WASTE MANIFEST	Manifest Document No. SW - 01141	Page 1 of
Generator's Name El Paso Natural Gas Generator's Address 1001 Louisiana St. Room 1445B Houston TX 77002 Generator's Telephone No. 713-369-9000		
Origin of Special Waste (Project or Spill Location): San Juan River Gas Plant 99 Road 6500, Kirtland, NM 87416		
Transporter #1 Company Name Envirotech	Address 5796 US Hwy 64 Farmington NM 87401	Telephone No. 505-632-0615
Transporter #2 Company Name	Address	Telephone No.
Destination Facility Name/Site Address Envirotech LF #3 43 Road 7175 Blomfield, NM 87413	Facility ID (Permit) Number DP NM01-0011	Telephone No. 505-632-0615
Type and Proper Name of Special Waste	Container(s) No. Type	Total Quantity
Investigation Derived Waste (Petroleum hydrocarbons)	1 B	1
Additional Descriptions for Special Waste Listed Above:		
Special Handling Instructions:		
GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of 20.9.8 NMAC (Special Waste Requirements) in addition to any other applicable federal, state or local regulations.		
Printed/Typed Name: Rob Melcoms	Signature: 	Date: 7/28/22
TRANSPORTER Transporter 1 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Steven McNeal Signature: Date: 7/28/22		
Transporter 2 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Signature: Date:		
Discrepancy Indication Space:		
FACILITY Facility Owner or Operator: I hereby acknowledge receipt of the special waste as indicated upon this manifest, except as noted above in the Discrepancy Indication Space.		
Printed/Typed Name: Gary Robinson	Signature: 	Date: 07-28-22

BOL# 74289

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 8/2/22 TIME 1533 Attach test strip hereCUSTOMER Kinder MorganSITE San Juan River Plant 99 Road 6500 Kirtland NMDRIVER John JohnSAMPLE Soil Straight ☒ With Dirt ☐CHLORIDE TEST 294 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1533 Time completed 1543PASS 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



SPECIAL WASTE MANIFEST		Manifest Document No. SW - 01145	Page 1 of
Generator's Name Kinder Morgan / El Paso Nat Gas		Generator's Address SAN JUAN RIVER PLANT 99 ROAD 6500 Kirtland NM	Generator's Telephone No.
Origin of Special Waste (Project or Spill Location): SAN JUAN RIVER PLANT 99 ROAD 6500 Kirtland NM			
Transporter #1 Company Name Envirotech	Address 5796 US Hwy 64	Telephone No. 505-632-0615	
Transporter #2 Company Name	Address	Telephone No.	
Destination Facility Name/Site Address Envirotech LE #2 43 ROAD 7175 Bloomfield NM 87413	Facility ID (Permit) Number NM 01-0011	Telephone No. 505-632-0615	
Type and Proper Name of Special Waste		Container(s) No.	Unit Wt/Vol
Petroleum Contaminated liquid		1 DM	35 lbs
Additional Descriptions for Special Waste Listed Above:			
Special Handling Instructions: SECURE LOAD			
GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of 20.9.8 NMAC (Special Waste Requirements) in addition to any other applicable federal, state or local regulations.			
Printed/Typed Name: Greg Crabtree - AC Agent		Signature: 	Date: 8/2/22
TRANSPORTER Transporter 1 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Colton John Signature: Date: 8/2/22			
Transporter 2 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Signature: Date:			
Discrepancy Indication Space:			
FACILITY Facility Owner or Operator: I hereby acknowledge receipt of the special waste as indicated upon this manifest, except as noted above in the Discrepancy Indication Space.			
Printed/Typed Name:		Signature:	Date:



envirotech

Bill of Lading

MANIFEST # 76298

GENERATOR EL Paso

POINT OF ORIGIN San Juan River Plant

TRANSPORTER ZLMSO

DATE 11-07-22 JOB # 14073-0059

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# 76298

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11-07-22TIME 0845

Attach test strip here

CUSTOMER EL PASOSITE San Juan River PlantDRIVER Andrew MuzzoSAMPLE Soil Straight _____ With Dirt XCHLORIDE TEST 291 mg/KgACCEPTED YES X NO _____PAINT FILTER TEST Time started 0845 Time completed 0858PASS YES [Signature] NO _____SAMPLER/ANALYST [Signature]

APPENDIX E

Bill of Lading

MANIFEST # 72255

MANIFEST # 12200
GENERATOR EL PASO - Kinor Morgan

POINT OF ORIGIN, 35 River Plant

TRANSPORTER Badger

DATE 04-06-22 JOB # 14073-0059

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

SAN JUAN PRINTING 2021 407

Released to Imaging: 5/22/2023 11:15:12 AM



envirotech

Bill of Lading

MANIFEST # 72276

GENERATOR EL PASO (Kendall morgan)

POINT OF ORIGIN SJ. Gas Plant

TRANSPORTER Bodger

DATE 04-07-28 JOB # 14073-0059

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



Bill of Lading

MANIFEST # 74128

GENERATOR El PasoPOINT OF ORIGIN S. J River gas PlantTRANSPORTER RileyDATE 07-26-22 JOB # 14073-0059

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Hydrovac cont soil			18	-	-	17034	1130	<i>[Signature]</i>
-	BF	Washout by Riley			5	-	-	17034	1130	<i>[Signature]</i>
2	BF	Hydrovac cont soil			2	-	-	17034	1555	<i>[Signature]</i>
-	BF	Washout			5	-	-	17034	1555	<i>[Signature]</i>
					22					

SCANNED

RESULTS			LANDFARM EMPLOYEE <i>Cary Robinson</i>	☐ Soil w/ Debris ☐ After Hours/Weekend Removal ☐ Scrape Out ☐ Wash Out	NOTES
-294	CHLORIDE TEST	2			
	CHLORIDE TEST				
	CHLORIDE TEST				
Pass	PAINT FILTER TEST	2	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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



BOL# 74128

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-26-22 TIME 1130 Attach test strip here

CUSTOMER (Stanlec) El Paso.

SITE SJ River gas plant

DRIVER J. Goyko

SAMPLE Soil ☒ Straight ☒ With Dirt ☐

CHLORIDE TEST 294 mg/Kg

ACCEPTED YES ☒ NO ☐

PAINT FILTER TEST Time started 1130 Time completed 1140

PASS YES ☒ NO ☐

SAMPLER/ANALYST Camy Rob



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



BOL# 74128

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-26-22 TIME 1555 Attach test strip here

CUSTOMER EL PASO

SITE SJ River gas plant

DRIVER J. Goyko

SAMPLE Soil ☒ Straight ☒ With Dirt ☐

CHLORIDE TEST 294 mg/Kg

ACCEPTED YES ☒ NO ☐

PAINT FILTER TEST Time started 1555 Time completed 1610

PASS YES ☒ NO ☐

SAMPLER/ANALYST Camy Rob



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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-138
Revised August 1, 2011

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: El Paso Natural Gas Company L.L.C., 1001 Louisiana Street, Room 1445B, Houston, TX 77002
2. Originating Site(s): San Juan River Gas Plant
3. Location of Material (Street Address, City, State or ULSTR): 99 Road 6500, Kirtland, New Mexico
4. Source and Description of Waste: Historic releases occurred on the above-referenced property. As part of environmental investigation activities, soil borings will be cleared via hydro-excavation prior to being advanced for soil sample collection. The hydro-excavation spoils and soil cuttings generated from these activities will be removed from the Site.
Estimated Volume ⁵ (yd ³) bbls Known Volume (to be entered by the operator at the end of the haul) yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>Joseph Wiley</u> , representative or authorized agent for <u>El Paso Natural Gas Company L.L.C.</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☒ Per Load ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, <u>Joseph Wiley</u> , representative for <u>El Paso Natural Gas Company L.L.C.</u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Envirotech, Inc.

OCD Permitted Surface Waste Management Facility

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

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

Waste Acceptance Status:

☐ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____

Surface Waste Management Facility Authorized Agent

BOL# 74180

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-28-22 TIME 1540 Attach test strip hereCUSTOMER EL PASOSITE San Juan River PlantDRIVER J. McNealSAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST 294 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1540 Time completed 1550PASS YES ☒ NO ☐SAMPLER/ANALYST Cy R

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



SPECIAL WASTE MANIFEST		Manifest Document No. SW - 01141	Page 1 of
Generator's Name El Paso Natural Gas		Generator's Address 1001 Louisiana St. Room 1445 B Houston TX 77002	Generator's Telephone No. 713-369-9000
Origin of Special Waste (Project or Spill Location): San Juan River Gas Plant 99 Road 6500, Kirtland, NM 87416			
Transporter #1 Company Name Envirotech	Address 5796 US Hwy 64 Farmington NM 87401	Telephone No. 505-632-0615	
Transporter #2 Company Name	Address	Telephone No.	
Destination Facility Name/Site Address Envirotech LF #3 43 Road 7175 Blomfield, NM 87413	Facility ID (Permit) Number DP NM01-0011	Telephone No. 505-632-0615	
Type and Proper Name of Special Waste		Container(s) No. Type	Total Quantity
Investigation Derived Waste (Petroleum hydrocarbons)		1 B	1
Additional Descriptions for Special Waste Listed Above:			
Special Handling Instructions:			
GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the special waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of 20.9.8 NMAC (Special Waste Requirements) in addition to any other applicable federal, state or local regulations.			
Printed/Typed Name: Rob Melcoms		Signature: 	Date: 7/28/22
TRANSPORTER Transporter 1 Acknowledgement of Receipt of Special Waste Printed/Typed Name: Steven McNeal			
		Signature: 	Date: 7/28/22
Transporter 2 Acknowledgement of Receipt of Special Waste Printed/Typed Name:			
		Signature:	Date:
Discrepancy Indication Space:			
FACILITY Facility Owner or Operator: I hereby acknowledge receipt of the special waste as indicated upon this manifest, except as noted above in the Discrepancy Indication Space.			
Printed/Typed Name: Gary Robinson		Signature: 	Date: 07-28-22

APPENDIX F



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-218228-1
Client Project/Site: San Juan River Plant

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

Attn: Steve Varsa

Authorized for release by:

6/17/2022 4:48:31 PM

Isabel Enfinger, Project Manager I
(850)471-6237

isabel.enfinger@et.eurofinsus.com

Designee for

Cheyenne Whitmire, Project Manager II
(850)471-6222

Cheyenne.Whitmire@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Laboratory Job ID: 400-218228-1

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	11
Surrogate Summary	12
Chronicle	13
QC Association	17
QC Sample Results	19
Receipt Checklists	22
Chain of Custody	23
Certification Summary	24

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Job ID: 400-218228-1**Laboratory: Eurofins Pensacola****Narrative****Job Narrative
400-218228-1****Comments**

No additional comments.

Receipt

The samples were received on 4/9/2022 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS VOA

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

HPLC/IC

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

GC VOA

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

GC Semi VOA

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

Organic Prep

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

VOA Prep

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

Lab Admin

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO)	5.7		5.3	2.1	mg/Kg	1	✱	8015B	Total/NA
Chloride	13	J	22	2.5	mg/Kg	1	✱	300.0	Soluble

Client Sample ID: DP-05 12.5-13.5'

Lab Sample ID: 400-218228-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO)	6.7		5.4	2.2	mg/Kg	1	✱	8015B	Total/NA

Client Sample ID: DP-06 10-11'

Lab Sample ID: 400-218228-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.2	J	5.7	1.1	ug/Kg	1	✱	8260B	Total/NA
Chloride	5.0	J	22	2.5	mg/Kg	1	✱	300.0	Soluble

Client Sample ID: DP-07 10-10.25'

Lab Sample ID: 400-218228-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO)	2.8	J	5.3	2.1	mg/Kg	1	✱	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Eurofins Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-218228-1	DP-01 10-11'	Solid	04/06/22 12:00	04/09/22 08:40
400-218228-2	DP-05 12.5-13.5'	Solid	04/07/22 10:00	04/09/22 08:40
400-218228-3	DP-06 10-11'	Solid	04/07/22 10:45	04/09/22 08:40
400-218228-4	DP-07 10-10.25'	Solid	04/07/22 12:10	04/09/22 08:40

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1

Date Collected: 04/06/22 12:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 91.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.72	U	5.4	0.72	ug/Kg	☆	04/13/22 17:01	04/13/22 22:39	1
Toluene	1.1	U	5.4	1.1	ug/Kg	☆	04/13/22 17:01	04/13/22 22:39	1
Ethylbenzene	0.65	U	5.4	0.65	ug/Kg	☆	04/13/22 17:01	04/13/22 22:39	1
Xylenes, Total	2.0	U	11	2.0	ug/Kg	☆	04/13/22 17:01	04/13/22 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130	04/13/22 17:01	04/13/22 22:39	1
Dibromofluoromethane	100		77 - 127	04/13/22 17:01	04/13/22 22:39	1
Toluene-d8 (Surr)	85		76 - 127	04/13/22 17:01	04/13/22 22:39	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	52	U	100	52	ug/Kg	☆	04/11/22 12:28	04/11/22 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	04/11/22 12:28	04/11/22 17:40	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	5.7		5.3	2.1	mg/Kg	☆	04/12/22 08:32	04/14/22 12:52	1
Oil Range Organics (ORO)	2.1	U	5.3	2.1	mg/Kg	☆	04/12/22 08:32	04/14/22 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	114		27 - 150	04/12/22 08:32	04/14/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13	J	22	2.5	mg/Kg	☆		04/23/22 03:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.9		0.01	0.01	%			04/13/22 09:17	1
Percent Moisture	8.1		0.01	0.01	%			04/13/22 09:17	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-05 12.5-13.5'

Lab Sample ID: 400-218228-2

Date Collected: 04/07/22 10:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 90.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.75	U	5.6	0.75	ug/Kg	☆	04/13/22 17:01	04/13/22 23:08	1
Toluene	1.1	U	5.6	1.1	ug/Kg	☆	04/13/22 17:01	04/13/22 23:08	1
Ethylbenzene	0.68	U	5.6	0.68	ug/Kg	☆	04/13/22 17:01	04/13/22 23:08	1
Xylenes, Total	2.1	U	11	2.1	ug/Kg	☆	04/13/22 17:01	04/13/22 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	04/13/22 17:01	04/13/22 23:08	1
Dibromofluoromethane	100		77 - 127	04/13/22 17:01	04/13/22 23:08	1
Toluene-d8 (Surr)	87		76 - 127	04/13/22 17:01	04/13/22 23:08	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	53	U	110	53	ug/Kg	☆	04/11/22 12:28	04/11/22 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	04/11/22 12:28	04/11/22 18:06	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	6.7		5.4	2.2	mg/Kg	☆	04/12/22 08:32	04/13/22 23:15	1
Oil Range Organics (ORO)	2.2	U	5.4	2.2	mg/Kg	☆	04/12/22 08:32	04/13/22 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	105		27 - 150	04/12/22 08:32	04/13/22 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5	U	22	2.5	mg/Kg	☆		04/23/22 04:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.8		0.01	0.01	%			04/13/22 09:17	1
Percent Moisture	9.2		0.01	0.01	%			04/13/22 09:17	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-06 10-11'

Lab Sample ID: 400-218228-3

Date Collected: 04/07/22 10:45

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 90.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.76	U	5.7	0.76	ug/Kg	☆	04/13/22 17:01	04/13/22 23:37	1
Toluene	1.2	J	5.7	1.1	ug/Kg	☆	04/13/22 17:01	04/13/22 23:37	1
Ethylbenzene	0.69	U	5.7	0.69	ug/Kg	☆	04/13/22 17:01	04/13/22 23:37	1
Xylenes, Total	2.1	U	11	2.1	ug/Kg	☆	04/13/22 17:01	04/13/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	04/13/22 17:01	04/13/22 23:37	1
Dibromofluoromethane	101		77 - 127	04/13/22 17:01	04/13/22 23:37	1
Toluene-d8 (Surr)	86		76 - 127	04/13/22 17:01	04/13/22 23:37	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	54	U	110	54	ug/Kg	☆	04/11/22 12:28	04/11/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	04/11/22 12:28	04/11/22 18:32	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2.2	U	5.4	2.2	mg/Kg	☆	04/12/22 08:32	04/13/22 23:31	1
Oil Range Organics (ORO)	2.2	U	5.4	2.2	mg/Kg	☆	04/12/22 08:32	04/13/22 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		27 - 150	04/12/22 08:32	04/13/22 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0	J	22	2.5	mg/Kg	☆		04/23/22 05:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.1		0.01	0.01	%			04/13/22 09:17	1
Percent Moisture	9.9		0.01	0.01	%			04/13/22 09:17	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-07 10-10.25'

Lab Sample ID: 400-218228-4

Date Collected: 04/07/22 12:10

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 92.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	5.3	0.71	ug/Kg	☆	04/13/22 17:01	04/14/22 00:07	1
Toluene	1.1	U	5.3	1.1	ug/Kg	☆	04/13/22 17:01	04/14/22 00:07	1
Ethylbenzene	0.64	U	5.3	0.64	ug/Kg	☆	04/13/22 17:01	04/14/22 00:07	1
Xylenes, Total	2.0	U	11	2.0	ug/Kg	☆	04/13/22 17:01	04/14/22 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	04/13/22 17:01	04/14/22 00:07	1
Dibromofluoromethane	102		77 - 127	04/13/22 17:01	04/14/22 00:07	1
Toluene-d8 (Surr)	86		76 - 127	04/13/22 17:01	04/14/22 00:07	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	53	U	110	53	ug/Kg	☆	04/11/22 12:28	04/11/22 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	04/11/22 12:28	04/11/22 19:25	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2.8	J	5.3	2.1	mg/Kg	☆	04/12/22 08:32	04/14/22 00:02	1
Oil Range Organics (ORO)	2.1	U	5.3	2.1	mg/Kg	☆	04/12/22 08:32	04/14/22 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		27 - 150	04/12/22 08:32	04/14/22 00:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5	U	22	2.5	mg/Kg	☆		04/23/22 05:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.2		0.01	0.01	%			04/13/22 09:17	1
Percent Moisture	7.8		0.01	0.01	%			04/13/22 09:17	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Eurofins Pensacola

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-130)	DBFM (77-127)	TOL (76-127)
400-218228-1	DP-01 10-11'	87	100	85
400-218228-2	DP-05 12.5-13.5'	86	100	87
400-218228-3	DP-06 10-11'	86	101	86
400-218228-4	DP-07 10-10.25'	86	102	86
400-218285-A-2-D MS	Matrix Spike	93	100	93
400-218285-A-2-E MSD	Matrix Spike Duplicate	93	98	93
LCS 400-573806/1-A	Lab Control Sample	94	99	92
MB 400-573806/2-A	Method Blank	86	100	87

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TFT-F2 (65-125)		
400-218130-A-1-F MS	Matrix Spike	100		
400-218130-A-1-G MSD	Matrix Spike Duplicate	99		
400-218228-1	DP-01 10-11'	98		
400-218228-2	DP-05 12.5-13.5'	98		
400-218228-3	DP-06 10-11'	97		
400-218228-4	DP-07 10-10.25'	97		
LCS 400-573386/1-A	Lab Control Sample	103		
MB 400-573386/2-A	Method Blank	95		

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		OTPH1 (27-150)		
400-218228-1	DP-01 10-11'	114		
400-218228-2	DP-05 12.5-13.5'	105		
400-218228-3	DP-06 10-11'	102		
400-218228-4	DP-07 10-10.25'	94		
400-218245-A-2-A MS	Matrix Spike	306 S1+		
400-218245-A-2-B MSD	Matrix Spike Duplicate	434 S1+		
LCS 400-573480/2-A	Lab Control Sample	106		
MB 400-573480/1-A	Method Blank	114		

Surrogate Legend

OTPH = o-Terphenyl

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1

Date Collected: 04/06/22 12:00

Matrix: Solid

Date Received: 04/09/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			573637	04/13/22 09:17	WJM	TAL PEN

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1

Date Collected: 04/06/22 12:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5.00 g	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/13/22 22:39	CAR	TAL PEN
Total/NA	Prep	5035			5.18 g	5.00 g	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 17:40	GRK	TAL PEN
Total/NA	Prep	3546			15.42 g	1 mL	573480	04/12/22 08:32	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573850	04/14/22 12:52	JAW	TAL PEN
Soluble	Leach	DI Leach			2.498 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 03:45	JAS	TAL PEN

Client Sample ID: DP-05 12.5-13.5'

Lab Sample ID: 400-218228-2

Date Collected: 04/07/22 10:00

Matrix: Solid

Date Received: 04/09/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			573637	04/13/22 09:17	WJM	TAL PEN

Client Sample ID: DP-05 12.5-13.5'

Lab Sample ID: 400-218228-2

Date Collected: 04/07/22 10:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.94 g	5.00 g	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/13/22 23:08	CAR	TAL PEN
Total/NA	Prep	5035			5.19 g	5.00 g	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 18:06	GRK	TAL PEN
Total/NA	Prep	3546			15.24 g	1 mL	573480	04/12/22 08:32	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573729	04/13/22 23:15	JAW	TAL PEN
Soluble	Leach	DI Leach			2.500 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 04:48	JAS	TAL PEN

Client Sample ID: DP-06 10-11'

Lab Sample ID: 400-218228-3

Date Collected: 04/07/22 10:45

Matrix: Solid

Date Received: 04/09/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			573637	04/13/22 09:17	WJM	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: DP-06 10-11'

Lab Sample ID: 400-218228-3

Date Collected: 04/07/22 10:45

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5.00 g	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/13/22 23:37	CAR	TAL PEN
Total/NA	Prep	5035			5.18 g	5.00 g	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 18:32	GRK	TAL PEN
Total/NA	Prep	3546			15.43 g	1 mL	573480	04/12/22 08:32	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573729	04/13/22 23:31	JAW	TAL PEN
Soluble	Leach	DI Leach			2.513 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 05:08	JAS	TAL PEN

Client Sample ID: DP-07 10-10.25'

Lab Sample ID: 400-218228-4

Date Collected: 04/07/22 12:10

Matrix: Solid

Date Received: 04/09/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			573637	04/13/22 09:17	WJM	TAL PEN

Client Sample ID: DP-07 10-10.25'

Lab Sample ID: 400-218228-4

Date Collected: 04/07/22 12:10

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.15 g	5.00 g	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/14/22 00:07	CAR	TAL PEN
Total/NA	Prep	5035			5.12 g	5.00 g	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 19:25	GRK	TAL PEN
Total/NA	Prep	3546			15.22 g	1 mL	573480	04/12/22 08:32	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573729	04/14/22 00:02	JAW	TAL PEN
Soluble	Leach	DI Leach			2.512 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 05:29	JAS	TAL PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-573386/2-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	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 14:22	GRK	TAL PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-573480/1-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 g	1 mL	573480	04/12/22 08:31	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573729	04/13/22 20:54	JAW	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-573806/2-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	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/13/22 19:15	CAR	TAL PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-574755/1-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
Soluble	Leach	DI Leach			2.493 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 02:43	JAS	TAL PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-573386/1-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	573386	04/11/22 12:28	NTH	TAL PEN
Total/NA	Analysis	8015B		1	5 mL	5 mL	573388	04/11/22 13:56	GRK	TAL PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-573480/2-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 g	1 mL	573480	04/12/22 08:31	NGB	TAL PEN
Total/NA	Analysis	8015B		1			573729	04/13/22 21:25	JAW	TAL PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-573806/1-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	573806	04/13/22 17:01	BEP	TAL PEN
Total/NA	Analysis	8260B		1	5 mL	5 mL	573801	04/13/22 18:17	CAR	TAL PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-574755/2-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			2.494 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 03:03	JAS	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-574755/3-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			2.503 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 03:24	JAS	TAL PEN

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1 MS

Date Collected: 04/06/22 12:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.504 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 04:06	JAS	TAL PEN

Client Sample ID: DP-01 10-11'

Lab Sample ID: 400-218228-1 MSD

Date Collected: 04/06/22 12:00

Matrix: Solid

Date Received: 04/09/22 08:40

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.498 g	50 mL	574755	04/21/22 13:32	JAS	TAL PEN
Soluble	Analysis	300.0		1			574955	04/23/22 04:27	JAS	TAL PEN

Laboratory References:

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

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

GC/MS VOA

Analysis Batch: 573801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	8260B	573806
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	8260B	573806
400-218228-3	DP-06 10-11'	Total/NA	Solid	8260B	573806
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	8260B	573806
MB 400-573806/2-A	Method Blank	Total/NA	Solid	8260B	573806
LCS 400-573806/1-A	Lab Control Sample	Total/NA	Solid	8260B	573806

Prep Batch: 573806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	5035	
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	5035	
400-218228-3	DP-06 10-11'	Total/NA	Solid	5035	
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	5035	
MB 400-573806/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-573806/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC VOA

Prep Batch: 573386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	5035	
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	5035	
400-218228-3	DP-06 10-11'	Total/NA	Solid	5035	
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	5035	
MB 400-573386/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-573386/1-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 573388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	8015B	573386
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	8015B	573386
400-218228-3	DP-06 10-11'	Total/NA	Solid	8015B	573386
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	8015B	573386
MB 400-573386/2-A	Method Blank	Total/NA	Solid	8015B	573386
LCS 400-573386/1-A	Lab Control Sample	Total/NA	Solid	8015B	573386

GC Semi VOA

Prep Batch: 573480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	3546	
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	3546	
400-218228-3	DP-06 10-11'	Total/NA	Solid	3546	
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	3546	
MB 400-573480/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-573480/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 573729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	8015B	573480
400-218228-3	DP-06 10-11'	Total/NA	Solid	8015B	573480
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	8015B	573480

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

GC Semi VOA (Continued)

Analysis Batch: 573729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-573480/1-A	Method Blank	Total/NA	Solid	8015B	573480
LCS 400-573480/2-A	Lab Control Sample	Total/NA	Solid	8015B	573480

Analysis Batch: 573850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	8015B	573480

HPLC/IC

Leach Batch: 574755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Soluble	Solid	DI Leach	
400-218228-2	DP-05 12.5-13.5'	Soluble	Solid	DI Leach	
400-218228-3	DP-06 10-11'	Soluble	Solid	DI Leach	
400-218228-4	DP-07 10-10.25'	Soluble	Solid	DI Leach	
MB 400-574755/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-574755/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-574755/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
400-218228-1 MS	DP-01 10-11'	Soluble	Solid	DI Leach	
400-218228-1 MSD	DP-01 10-11'	Soluble	Solid	DI Leach	

Analysis Batch: 574955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Soluble	Solid	300.0	574755
400-218228-2	DP-05 12.5-13.5'	Soluble	Solid	300.0	574755
400-218228-3	DP-06 10-11'	Soluble	Solid	300.0	574755
400-218228-4	DP-07 10-10.25'	Soluble	Solid	300.0	574755
MB 400-574755/1-A	Method Blank	Soluble	Solid	300.0	574755
LCS 400-574755/2-A	Lab Control Sample	Soluble	Solid	300.0	574755
LCSD 400-574755/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	574755
400-218228-1 MS	DP-01 10-11'	Soluble	Solid	300.0	574755
400-218228-1 MSD	DP-01 10-11'	Soluble	Solid	300.0	574755

General Chemistry

Analysis Batch: 573637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-218228-1	DP-01 10-11'	Total/NA	Solid	Moisture	
400-218228-2	DP-05 12.5-13.5'	Total/NA	Solid	Moisture	
400-218228-3	DP-06 10-11'	Total/NA	Solid	Moisture	
400-218228-4	DP-07 10-10.25'	Total/NA	Solid	Moisture	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-573806/2-A

Matrix: Solid

Analysis Batch: 573801

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 573806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.67	U	5.0	0.67	ug/Kg		04/13/22 17:01	04/13/22 19:15	1
Toluene	1.0	U	5.0	1.0	ug/Kg		04/13/22 17:01	04/13/22 19:15	1
Ethylbenzene	0.61	U	5.0	0.61	ug/Kg		04/13/22 17:01	04/13/22 19:15	1
Xylenes, Total	1.9	U	10	1.9	ug/Kg		04/13/22 17:01	04/13/22 19:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130	04/13/22 17:01	04/13/22 19:15	1
Dibromofluoromethane	100		77 - 127	04/13/22 17:01	04/13/22 19:15	1
Toluene-d8 (Surr)	87		76 - 127	04/13/22 17:01	04/13/22 19:15	1

Lab Sample ID: LCS 400-573806/1-A

Matrix: Solid

Analysis Batch: 573801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 573806

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	40.5		ug/Kg		81	65 - 130
Toluene	50.0	38.9		ug/Kg		78	70 - 130
Ethylbenzene	50.0	40.1		ug/Kg		80	70 - 130
Xylenes, Total	100	76.9		ug/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		67 - 130
Dibromofluoromethane	99		77 - 127
Toluene-d8 (Surr)	92		76 - 127

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 400-573386/2-A

Matrix: Solid

Analysis Batch: 573388

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 573386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	50	U	100	50	ug/Kg		04/11/22 12:28	04/11/22 14:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	95		65 - 125	04/11/22 12:28	04/11/22 14:22	1

Lab Sample ID: LCS 400-573386/1-A

Matrix: Solid

Analysis Batch: 573388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 573386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO) C6-C10	1000	937		ug/Kg		94	62 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	103		65 - 125

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-573480/1-A

Matrix: Solid

Analysis Batch: 573729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 573480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2.0	U	5.0	2.0	mg/Kg		04/12/22 08:31	04/13/22 20:54	1
Oil Range Organics (ORO)	2.0	U	5.0	2.0	mg/Kg		04/12/22 08:31	04/13/22 20:54	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	114		27 - 150				04/12/22 08:31	04/13/22 20:54	1

Lab Sample ID: LCS 400-573480/2-A

Matrix: Solid

Analysis Batch: 573729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 573480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO)	274	249		mg/Kg		91	38 - 116
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	106		27 - 150				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-574755/1-A

Matrix: Solid

Analysis Batch: 574955

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3	U	20	2.3	mg/Kg			04/23/22 02:43	1

Lab Sample ID: LCS 400-574755/2-A

Matrix: Solid

Analysis Batch: 574955

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	94.9		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 400-574755/3-A

Matrix: Solid

Analysis Batch: 574955

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	99.9	95.5		mg/Kg		96	80 - 120	1	15

Lab Sample ID: 400-218228-1 MS

Matrix: Solid

Analysis Batch: 574955

Client Sample ID: DP-01 10-11'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13	J	109	116		mg/Kg	✱	94	80 - 120

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-218228-1 MSD							Client Sample ID: DP-01 10-11'					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 574955												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	13	J	109	115		mg/Kg	✧	94	80 - 120	0	15	

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-218228-1

Login Number: 218228

List Source: Eurofins Pensacola

List Number: 1

Creator: Whitley, Adrian

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

Chain of Custody Record

Environment Testing
America

LUMINUS PENSACOLA

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

Client Information		Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): 400-110145-38705.1
Client Contact: Steve Varsa		E-Mail: Cheyenne.Whitmire@Eurofinset.com	State of Origin:
Company: Stantec Consulting Services Inc		PWSID:	Job #:
Address: 11311 Aurora Avenue		Analysis Requested	
City: Des Moines	TAT Requested (days): 5	Preservation Codes:	
State, Zip: IA, 50322-7904	Compliance Project: ☐ Yes ☐ No	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 X - EDTA Z - other (specify)	
Phone:	PO #:	Other:	
Email: steve.varsa@stantec.com	WO #:	Total Number of Containers: 400-218228 COC	
Project Name: CMI Kinder Morgan New Mexico	Project #:	Special Instructions/Note:	
Site: SAN JUAN RIVER PLANT	SSOW#:	ARF# GRG-5TN-03-22-22-05H-1	
Sample Identification		Special Instructions/Note:	
DP-01 10~11'	Sample Date: 4/6/22 1200	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefluid, BT=tissue, A=air)
DP-02			
DP-03			
DP-04			
DP-05 12.5-13.5'	4/7/22 1000		
DP-06 10~11'	4/7/22 1045		
DP-07 10~10.25'	4/7/22 1710		
DP-08			
DP-09			
DP-10			
DP-11			
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ Return To Client ☒ Disposal By Lab ☐ Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Time:	
Relinquished by: [Signature]		Date: 4/18/22 1455	
Relinquished by:		Date: 4/18/22 1455	
Relinquished by:		Date: 4/18/22 1455	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:	
Cooler Temperature(s) °C and Other Remarks: 5-0°C (19)		Ver: 06/08/2021	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-218228-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-22
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
West Virginia DEP	State	136	05-31-22

Eurofins Pensacola



Environment Testing

ANALYTICAL REPORT

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

Laboratory Job ID: 400-223694-1

Laboratory Sample Delivery Group: El Paso NG Site
Client Project/Site: San Juan River Plant

For:

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

Attn: Steve Varsa

A handwritten signature in black ink, appearing to read "Steve Varsa", is written over a horizontal line.

Authorized for release by:

11/7/2022 2:50:53 PM

Isabel Enfinger, Project Manager I
(850)471-6237

isabel.enfinger@et.eurofinsus.com

Designee for

Cheyenne Whitmire, Project Manager II
(850)471-6222

Cheyenne.Whitmire@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Laboratory Job ID: 400-223694-1
SDG: El Paso NG Site

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	5
Method Summary	8
Sample Summary	9
Client Sample Results	10
Definitions	17
Chronicle	18
QC Association	24
QC Sample Results	30
Chain of Custody	43
Receipt Checklists	44
Certification Summary	45

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Job ID: 400-223694-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-223694-1

Comments

No additional comments.

Receipt

The samples were received on 7/29/2022 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 2.9° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW28 (50-51 FT.) (400-223694-6). 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.

HPLC/IC

Method 9056A: The continuing calibration verification (CCV) associated with batch 400-587433 recovered above the upper control limit for Chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 9056A: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 400-587183 and analytical batch 400-587433 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

GC VOA

Method 8015D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW28 (50-51 FT.) (400-223694-6). 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.

GC Semi VOA

Method 8015D: The matrix spike duplicate (MSD) recovery for preparation batch 400-587244 and analytical batch 400-587510 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 400-587244 and analytical batch 400-587510 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015D: Surrogate recovery for the following sample was outside the upper control limit: MW28 (20-21 FT.) (400-223694-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Metals

Methods 200.7 Rev 4.4, 6010B: The method blank for preparation batch 400-586948 and analytical batch 400-587876 contained copper above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL); therefore, re-extraction and re-analysis of samples was not performed.

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

Organic Prep

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

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Job ID: 400-223694-1 (Continued)

Laboratory: Eurofins Pensacola (Continued)

VOA Prep

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

Lab Admin

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (10-11 FT.)

Lab Sample ID: 400-223694-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9900	B	11	mg/Kg	1	✖	6010B	Total/NA
Arsenic	7.3		1.1	mg/Kg	1	✖	6010B	Total/NA
Barium	320		1.1	mg/Kg	1	✖	6010B	Total/NA
Chromium	8.0		1.1	mg/Kg	1	✖	6010B	Total/NA
Cobalt	25		1.1	mg/Kg	1	✖	6010B	Total/NA
Iron	17000	B	11	mg/Kg	1	✖	6010B	Total/NA
Lead	13		1.1	mg/Kg	1	✖	6010B	Total/NA
Manganese	830		1.1	mg/Kg	1	✖	6010B	Total/NA
Molybdenum	1.4		1.1	mg/Kg	1	✖	6010B	Total/NA
Nickel	22		0.53	mg/Kg	1	✖	6010B	Total/NA
Mercury	0.025		0.016	mg/Kg	1	✖	7471B	Total/NA

Client Sample ID: MW27 (29-30 FT.)

Lab Sample ID: 400-223694-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000	B	11	mg/Kg	1	✖	6010B	Total/NA
Arsenic	6.0		1.1	mg/Kg	1	✖	6010B	Total/NA
Barium	150		1.1	mg/Kg	1	✖	6010B	Total/NA
Chromium	8.1		1.1	mg/Kg	1	✖	6010B	Total/NA
Cobalt	15		1.1	mg/Kg	1	✖	6010B	Total/NA
Iron	23000	B	11	mg/Kg	1	✖	6010B	Total/NA
Lead	12		1.1	mg/Kg	1	✖	6010B	Total/NA
Manganese	220		1.1	mg/Kg	1	✖	6010B	Total/NA
Molybdenum	1.2		1.1	mg/Kg	1	✖	6010B	Total/NA
Nickel	12		0.55	mg/Kg	1	✖	6010B	Total/NA
Mercury	0.021		0.017	mg/Kg	1	✖	7471B	Total/NA

Client Sample ID: MW28 (11-12 FT.)

Lab Sample ID: 400-223694-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	10000	B	10	mg/Kg	1	✖	6010B	Total/NA
Arsenic	13		1.0	mg/Kg	1	✖	6010B	Total/NA
Barium	170		1.0	mg/Kg	1	✖	6010B	Total/NA
Chromium	8.4		1.0	mg/Kg	1	✖	6010B	Total/NA
Cobalt	13		1.0	mg/Kg	1	✖	6010B	Total/NA
Iron	22000	B	10	mg/Kg	1	✖	6010B	Total/NA
Lead	15		1.0	mg/Kg	1	✖	6010B	Total/NA
Manganese	68		1.0	mg/Kg	1	✖	6010B	Total/NA
Molybdenum	2.4		1.0	mg/Kg	1	✖	6010B	Total/NA
Nickel	10		0.51	mg/Kg	1	✖	6010B	Total/NA
Mercury	0.025		0.016	mg/Kg	1	✖	7471B	Total/NA

Client Sample ID: MW28 (20-21 FT.)

Lab Sample ID: 400-223694-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		10	mg/Kg	1	✖	6010B	Total/NA
Arsenic	1.7		1.0	mg/Kg	1	✖	6010B	Total/NA
Barium	92		1.0	mg/Kg	1	✖	6010B	Total/NA
Chromium	7.2		1.0	mg/Kg	1	✖	6010B	Total/NA
Cobalt	6.5		1.0	mg/Kg	1	✖	6010B	Total/NA
Iron	21000		10	mg/Kg	1	✖	6010B	Total/NA
Lead	8.3		1.0	mg/Kg	1	✖	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (20-21 FT.) (Continued)

Lab Sample ID: 400-223694-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	86		1.0	mg/Kg	1	✱	6010B	Total/NA
Nickel	10		0.50	mg/Kg	1	✱	6010B	Total/NA
Mercury	0.021		0.016	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: MW28 (50-51 FT.)

Lab Sample ID: 400-223694-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.1		0.67	mg/Kg	100	✱	8260C	Total/NA
Ethylbenzene	1.7		0.67	mg/Kg	100	✱	8260C	Total/NA
Toluene	12		0.67	mg/Kg	100	✱	8260C	Total/NA
Xylenes, Total	18		1.3	mg/Kg	100	✱	8260C	Total/NA
Gasoline Range Organics (GRO)	560		27	mg/Kg	200	✱	8015D	Total/NA
C6--C10								
Diesel Range Organics (DRO)	390	F1 F2	5.7	mg/Kg	1	✱	8015D	Total/NA
Oil Range Organics (ORO)	130		5.7	mg/Kg	1	✱	8015D	Total/NA
Chloride	65		23	mg/Kg	1	✱	9056A	Soluble
Aluminum	20000		11	mg/Kg	1	✱	6010B	Total/NA
Arsenic	4.4		1.1	mg/Kg	1	✱	6010B	Total/NA
Barium	150		1.1	mg/Kg	1	✱	6010B	Total/NA
Chromium	8.7		1.1	mg/Kg	1	✱	6010B	Total/NA
Cobalt	13		1.1	mg/Kg	1	✱	6010B	Total/NA
Iron	22000		11	mg/Kg	1	✱	6010B	Total/NA
Lead	20		1.1	mg/Kg	1	✱	6010B	Total/NA
Manganese	130		1.1	mg/Kg	1	✱	6010B	Total/NA
Molybdenum	2.7		1.1	mg/Kg	1	✱	6010B	Total/NA
Nickel	16		0.53	mg/Kg	1	✱	6010B	Total/NA
Mercury	0.052		0.019	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: MW27 (43-44 FT.)

Lab Sample ID: 400-223694-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (DRO)	60		5.6	mg/Kg	1	✱	8015D	Total/NA
Oil Range Organics (ORO)	55		5.6	mg/Kg	1	✱	8015D	Total/NA
Aluminum	20000		11	mg/Kg	1	✱	6010B	Total/NA
Arsenic	4.1		1.1	mg/Kg	1	✱	6010B	Total/NA
Barium	67		1.1	mg/Kg	1	✱	6010B	Total/NA
Chromium	9.2		1.1	mg/Kg	1	✱	6010B	Total/NA
Cobalt	10		1.1	mg/Kg	1	✱	6010B	Total/NA
Iron	27000		11	mg/Kg	1	✱	6010B	Total/NA
Lead	9.7		1.1	mg/Kg	1	✱	6010B	Total/NA
Manganese	200		1.1	mg/Kg	1	✱	6010B	Total/NA
Molybdenum	2.3		1.1	mg/Kg	1	✱	6010B	Total/NA
Nickel	14		0.56	mg/Kg	1	✱	6010B	Total/NA
Mercury	0.031		0.018	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: MW28 (31-32 FT.)

Lab Sample ID: 400-223694-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	18000		11	mg/Kg	1	✱	6010B	Total/NA
Arsenic	3.7		1.1	mg/Kg	1	✱	6010B	Total/NA
Barium	110		1.1	mg/Kg	1	✱	6010B	Total/NA
Chromium	9.5		1.1	mg/Kg	1	✱	6010B	Total/NA
Cobalt	8.5		1.1	mg/Kg	1	✱	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (31-32 FT.) (Continued)

Lab Sample ID: 400-223694-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	19000		11	mg/Kg	1	✳	6010B	Total/NA
Lead	15		1.1	mg/Kg	1	✳	6010B	Total/NA
Manganese	83		1.1	mg/Kg	1	✳	6010B	Total/NA
Nickel	11		0.54	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.042		0.017	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8015D	Gasoline Range Organics (GRO) (GC)	SW846	EET PEN
8015D	Diesel Range Organics (DRO) (GC)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET PEN
6010B	Metals (ICP)	SW846	EET PEN
7471B	Mercury (CVAA)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	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: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-223694-1	MW27 (10-11 FT.)	Solid	07/26/22 15:50	07/29/22 09:11
400-223694-3	MW27 (29-30 FT.)	Solid	07/26/22 17:05	07/29/22 09:11
400-223694-4	MW28 (11-12 FT.)	Solid	07/27/22 13:35	07/29/22 09:11
400-223694-5	MW28 (20-21 FT.)	Solid	07/27/22 14:05	07/29/22 09:11
400-223694-6	MW28 (50-51 FT.)	Solid	07/27/22 16:50	07/29/22 09:11
400-223694-7	MW27 (43-44 FT.)	Solid	07/27/22 08:30	07/29/22 09:11
400-223694-8	MW28 (31-32 FT.)	Solid	07/27/22 15:00	07/29/22 09:11

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (10-11 FT.)

Lab Sample ID: 400-223694-1

Date Collected: 07/26/22 15:50

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0055		0.0055	mg/Kg	✱	08/03/22 08:42	08/03/22 20:13	1
Ethylbenzene	<0.0055		0.0055	mg/Kg	✱	08/03/22 08:42	08/03/22 20:13	1
Toluene	<0.0055		0.0055	mg/Kg	✱	08/03/22 08:42	08/03/22 20:13	1
Xylenes, Total	<0.011		0.011	mg/Kg	✱	08/03/22 08:42	08/03/22 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130	08/03/22 08:42	08/03/22 20:13	1
Dibromofluoromethane	107		77 - 127	08/03/22 08:42	08/03/22 20:13	1
Toluene-d8 (Surr)	101		76 - 127	08/03/22 08:42	08/03/22 20:13	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.11		0.11	mg/Kg	✱	08/01/22 10:38	08/01/22 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	95		65 - 125	08/01/22 10:38	08/01/22 19:12	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.4		5.4	mg/Kg	✱	08/03/22 10:47	08/04/22 20:40	1
Oil Range Organics (ORO)	<5.4		5.4	mg/Kg	✱	08/03/22 10:47	08/04/22 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		27 - 150	08/03/22 10:47	08/04/22 20:40	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22	mg/Kg	✱		08/19/22 23:26	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900	B	11	mg/Kg	✱	08/04/22 11:57	08/05/22 14:10	1
Arsenic	7.3		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Barium	320		1.1	mg/Kg	✱	08/04/22 11:57	08/05/22 14:10	1
Boron	<11		11	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Cadmium	<0.53		0.53	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Chromium	8.0		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Cobalt	25		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Iron	17000	B	11	mg/Kg	✱	08/04/22 11:57	08/05/22 14:10	1
Lead	13		1.1	mg/Kg	✱	08/04/22 11:57	08/05/22 14:10	1
Manganese	830		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Molybdenum	1.4		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Nickel	22		0.53	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1
Selenium	<2.1		2.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.016	mg/Kg	✱	08/10/22 09:22	08/11/22 09:12	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (29-30 FT.)

Lab Sample ID: 400-223694-3

Date Collected: 07/26/22 17:05

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0056		0.0056	mg/Kg	✱	08/03/22 08:42	08/03/22 20:39	1
Ethylbenzene	<0.0056		0.0056	mg/Kg	✱	08/03/22 08:42	08/03/22 20:39	1
Toluene	<0.0056		0.0056	mg/Kg	✱	08/03/22 08:42	08/03/22 20:39	1
Xylenes, Total	<0.011		0.011	mg/Kg	✱	08/03/22 08:42	08/03/22 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130	08/03/22 08:42	08/03/22 20:39	1
Dibromofluoromethane	103		77 - 127	08/03/22 08:42	08/03/22 20:39	1
Toluene-d8 (Surr)	99		76 - 127	08/03/22 08:42	08/03/22 20:39	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.11		0.11	mg/Kg	✱	08/01/22 10:38	08/01/22 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	97		65 - 125	08/01/22 10:38	08/01/22 19:31	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.5		5.5	mg/Kg	✱	08/03/22 10:47	08/04/22 21:13	1
Oil Range Organics (ORO)	<5.5		5.5	mg/Kg	✱	08/03/22 10:47	08/04/22 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		27 - 150	08/03/22 10:47	08/04/22 21:13	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22	mg/Kg	✱		08/20/22 00:29	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000	B	11	mg/Kg	✱	08/04/22 11:57	08/05/22 14:14	1
Arsenic	6.0		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Barium	150		1.1	mg/Kg	✱	08/04/22 11:57	08/05/22 14:14	1
Boron	<11		11	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Cadmium	<0.55		0.55	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Chromium	8.1		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Cobalt	15		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Iron	23000	B	11	mg/Kg	✱	08/04/22 11:57	08/05/22 14:14	1
Lead	12		1.1	mg/Kg	✱	08/04/22 11:57	08/05/22 14:14	1
Manganese	220		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Molybdenum	1.2		1.1	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Nickel	12		0.55	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1
Selenium	<2.2		2.2	mg/Kg	✱	08/04/22 11:57	08/04/22 18:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.017	mg/Kg	✱	08/10/22 09:25	08/11/22 11:42	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (11-12 FT.)

Lab Sample ID: 400-223694-4

Date Collected: 07/27/22 13:35

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0051		0.0051	mg/Kg	✱	08/05/22 07:54	08/05/22 14:36	1
Ethylbenzene	<0.0051		0.0051	mg/Kg	✱	08/05/22 07:54	08/05/22 14:36	1
Toluene	<0.0051		0.0051	mg/Kg	✱	08/05/22 07:54	08/05/22 14:36	1
Xylenes, Total	<0.010		0.010	mg/Kg	✱	08/05/22 07:54	08/05/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130	08/05/22 07:54	08/05/22 14:36	1
Dibromofluoromethane	108		77 - 127	08/05/22 07:54	08/05/22 14:36	1
Toluene-d8 (Surr)	87		76 - 127	08/05/22 07:54	08/05/22 14:36	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.099		0.099	mg/Kg	✱	08/01/22 10:38	08/01/22 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	96		65 - 125	08/01/22 10:38	08/01/22 20:00	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.2		5.2	mg/Kg	✱	08/03/22 10:47	08/04/22 21:29	1
Oil Range Organics (ORO)	<5.2		5.2	mg/Kg	✱	08/03/22 10:47	08/04/22 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		27 - 150	08/03/22 10:47	08/04/22 21:29	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<21		21	mg/Kg	✱		08/20/22 00:49	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000	B	10	mg/Kg	✱	08/04/22 11:57	08/05/22 14:25	1
Arsenic	13		1.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Barium	170		1.0	mg/Kg	✱	08/04/22 11:57	08/05/22 14:25	1
Boron	<10		10	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Cadmium	<0.51		0.51	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Chromium	8.4		1.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Cobalt	13		1.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Iron	22000	B	10	mg/Kg	✱	08/04/22 11:57	08/05/22 14:25	1
Lead	15		1.0	mg/Kg	✱	08/04/22 11:57	08/05/22 14:25	1
Manganese	68		1.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Molybdenum	2.4		1.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Nickel	10		0.51	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1
Selenium	<2.0		2.0	mg/Kg	✱	08/04/22 11:57	08/04/22 18:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.016	mg/Kg	✱	08/10/22 09:25	08/11/22 12:05	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (20-21 FT.)

Lab Sample ID: 400-223694-5

Date Collected: 07/27/22 14:05

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:03	1
Ethylbenzene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:03	1
Toluene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:03	1
Xylenes, Total	<0.011		0.011	mg/Kg	✱	08/05/22 07:54	08/05/22 15:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130			08/05/22 07:54	08/05/22 15:03	1
Dibromofluoromethane	111		77 - 127			08/05/22 07:54	08/05/22 15:03	1
Toluene-d8 (Surr)	86		76 - 127			08/05/22 07:54	08/05/22 15:03	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.10		0.10	mg/Kg	✱	08/01/22 10:38	08/01/22 20:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125			08/01/22 10:38	08/01/22 20:25	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3	mg/Kg	✱	08/02/22 14:18	08/04/22 18:09	1
Oil Range Organics (ORO)	<5.3		5.3	mg/Kg	✱	08/02/22 14:18	08/04/22 18:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl	186	S1+	27 - 150			08/02/22 14:18	08/04/22 18:09	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22	mg/Kg	✱		08/03/22 19:49	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		10	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Arsenic	1.7		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Barium	92		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Boron	<10		10	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Cadmium	<0.50		0.50	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Chromium	7.2		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Cobalt	6.5		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Iron	21000		10	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Lead	8.3		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Manganese	86		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Molybdenum	<1.0		1.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Nickel	10		0.50	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1
Selenium	<2.0		2.0	mg/Kg	✱	08/03/22 14:06	08/04/22 02:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.016	mg/Kg	✱	08/10/22 09:25	08/11/22 12:07	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (50-51 FT.)

Lab Sample ID: 400-223694-6

Date Collected: 07/27/22 16:50

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.1		0.67	mg/Kg	☆	08/06/22 12:31	08/06/22 23:25	100
Ethylbenzene	1.7		0.67	mg/Kg	☆	08/06/22 12:31	08/06/22 23:25	100
Toluene	12		0.67	mg/Kg	☆	08/06/22 12:31	08/06/22 23:25	100
Xylenes, Total	18		1.3	mg/Kg	☆	08/06/22 12:31	08/06/22 23:25	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130			08/06/22 12:31	08/06/22 23:25	100
Dibromofluoromethane	107		77 - 127			08/06/22 12:31	08/06/22 23:25	100
Toluene-d8 (Surr)	96		76 - 127			08/06/22 12:31	08/06/22 23:25	100

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	560		27	mg/Kg	☆	08/03/22 10:25	08/03/22 20:03	200
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	93		65 - 125			08/03/22 10:25	08/03/22 20:03	200

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	390	F1 F2	5.7	mg/Kg	☆	08/02/22 14:18	08/04/22 18:25	1
Oil Range Organics (ORO)	130		5.7	mg/Kg	☆	08/02/22 14:18	08/04/22 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl	110		27 - 150			08/02/22 14:18	08/04/22 18:25	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65		23	mg/Kg	☆		08/23/22 00:01	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20000		11	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Arsenic	4.4		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Barium	150		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Boron	<11		11	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Cadmium	<0.53		0.53	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Chromium	8.7		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Cobalt	13		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Iron	22000		11	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Lead	20		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Manganese	130		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Molybdenum	2.7		1.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Nickel	16		0.53	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1
Selenium	<2.1		2.1	mg/Kg	☆	08/03/22 14:06	08/04/22 02:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.019	mg/Kg	☆	08/10/22 09:25	08/11/22 12:09	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (43-44 FT.)

Lab Sample ID: 400-223694-7

Date Collected: 07/27/22 08:30

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0059		0.0059	mg/Kg	✱	08/05/22 07:54	08/05/22 15:29	1
Ethylbenzene	<0.0059		0.0059	mg/Kg	✱	08/05/22 07:54	08/05/22 15:29	1
Toluene	<0.0059		0.0059	mg/Kg	✱	08/05/22 07:54	08/05/22 15:29	1
Xylenes, Total	<0.012		0.012	mg/Kg	✱	08/05/22 07:54	08/05/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		67 - 130			08/05/22 07:54	08/05/22 15:29	1
Dibromofluoromethane	113		77 - 127			08/05/22 07:54	08/05/22 15:29	1
Toluene-d8 (Surr)	90		76 - 127			08/05/22 07:54	08/05/22 15:29	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.11		0.11	mg/Kg	✱	08/01/22 10:38	08/01/22 20:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	99		65 - 125			08/01/22 10:38	08/01/22 20:51	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	60		5.6	mg/Kg	✱	08/03/22 10:47	08/04/22 21:45	1
Oil Range Organics (ORO)	55		5.6	mg/Kg	✱	08/03/22 10:47	08/04/22 21:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl	78		27 - 150			08/03/22 10:47	08/04/22 21:45	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<23		23	mg/Kg	✱		08/23/22 00:24	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20000		11	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Arsenic	4.1		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Barium	67		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Boron	<11		11	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Cadmium	<0.56		0.56	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Chromium	9.2		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Cobalt	10		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Iron	27000		11	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Lead	9.7		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Manganese	200		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Molybdenum	2.3		1.1	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Nickel	14		0.56	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1
Selenium	<2.2		2.2	mg/Kg	✱	08/03/22 14:06	08/04/22 02:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	mg/Kg	✱	08/10/22 09:25	08/11/22 12:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (31-32 FT.)

Lab Sample ID: 400-223694-8

Date Collected: 07/27/22 15:00

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:55	1
Ethylbenzene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:55	1
Toluene	<0.0055		0.0055	mg/Kg	✱	08/05/22 07:54	08/05/22 15:55	1
Xylenes, Total	<0.011		0.011	mg/Kg	✱	08/05/22 07:54	08/05/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130	08/05/22 07:54	08/05/22 15:55	1
Dibromofluoromethane	111		77 - 127	08/05/22 07:54	08/05/22 15:55	1
Toluene-d8 (Surr)	86		76 - 127	08/05/22 07:54	08/05/22 15:55	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.11		0.11	mg/Kg	✱	08/03/22 10:25	08/03/22 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	08/03/22 10:25	08/03/22 20:29	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.3		5.3	mg/Kg	✱	08/03/22 10:47	08/04/22 22:02	1
Oil Range Organics (ORO)	<5.3		5.3	mg/Kg	✱	08/03/22 10:47	08/04/22 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		27 - 150	08/03/22 10:47	08/04/22 22:02	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<22		22	mg/Kg	✱		08/23/22 00:47	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		11	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Arsenic	3.7		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Barium	110		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Boron	<11		11	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Cadmium	<0.54		0.54	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Chromium	9.5		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Cobalt	8.5		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Iron	19000		11	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Lead	15		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Manganese	83		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Molybdenum	<1.1		1.1	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Nickel	11		0.54	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1
Selenium	<2.2		2.2	mg/Kg	✱	08/03/22 13:21	08/04/22 01:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.017	mg/Kg	✱	08/10/22 09:25	08/11/22 12:12	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (10-11 FT.)

Lab Sample ID: 400-223694-1

Date Collected: 07/26/22 15:50

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
Instrument ID: NOEQUIP										

Client Sample ID: MW27 (10-11 FT.)

Lab Sample ID: 400-223694-1

Date Collected: 07/26/22 15:50

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5.00 g	587357	08/03/22 08:42	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587307	08/03/22 20:13	BPO	EET PEN
Instrument ID: CH_TAN										
Total/NA	Prep	5035			5.20 g	5.00 g	587051	08/01/22 10:38	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587036	08/01/22 19:12	SAB	EET PEN
Instrument ID: CH_RITA										
Total/NA	Prep	3546			15.18 g	1 mL	587336	08/03/22 10:47	JTC	EET PEN
Total/NA	Analysis	8015D		1			587538	08/04/22 20:40	CJ	EET PEN
Instrument ID: WALLE										
Soluble	Leach	DI Leach			2.539 g	50 mL	589537	08/19/22 16:59	JAW	EET PEN
Soluble	Analysis	9056A		1			589517	08/19/22 23:26	JAW	EET PEN
Instrument ID: IC2										
Total/NA	Prep	3050B			0.5175 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587655	08/04/22 18:37	LSS	EET PEN
Instrument ID: Pluto										
Total/NA	Prep	3050B			0.5175 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587876	08/05/22 14:10	LSS	EET PEN
Instrument ID: Squidward										
Total/NA	Prep	7471B			.5382 g	40 mL	588167	08/10/22 09:22	NET	EET PEN
Total/NA	Analysis	7471B		1			588318	08/11/22 09:12	NET	EET PEN
Instrument ID: HYDRA AA2										

Client Sample ID: MW27 (29-30 FT.)

Lab Sample ID: 400-223694-3

Date Collected: 07/26/22 17:05

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
Instrument ID: NOEQUIP										

Client Sample ID: MW27 (29-30 FT.)

Lab Sample ID: 400-223694-3

Date Collected: 07/26/22 17:05

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.92 g	5.00 g	587357	08/03/22 08:42	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587307	08/03/22 20:39	BPO	EET PEN
Instrument ID: CH_TAN										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (29-30 FT.)

Lab Sample ID: 400-223694-3

Date Collected: 07/26/22 17:05

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.21 g	5.00 g	587051	08/01/22 10:38	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587036	08/01/22 19:31	SAB	EET PEN
		Instrument ID: CH_RITA								
Total/NA	Prep	3546			15.27 g	1 mL	587336	08/03/22 10:47	JTC	EET PEN
Total/NA	Analysis	8015D		1			587538	08/04/22 21:13	CJ	EET PEN
		Instrument ID: WALLE								
Soluble	Leach	DI Leach			2.518 g	50 mL	589537	08/19/22 16:59	JAW	EET PEN
Soluble	Analysis	9056A		1			589517	08/20/22 00:29	JAW	EET PEN
		Instrument ID: IC2								
Total/NA	Prep	3050B			0.5072 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587655	08/04/22 18:42	LSS	EET PEN
		Instrument ID: Pluto								
Total/NA	Prep	3050B			0.5072 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587876	08/05/22 14:14	LSS	EET PEN
		Instrument ID: Squidward								
Total/NA	Prep	7471B			.5120 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 11:42	NET	EET PEN
		Instrument ID: HYDRAAA2								

Client Sample ID: MW28 (11-12 FT.)

Lab Sample ID: 400-223694-4

Date Collected: 07/27/22 13:35

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
		Instrument ID: NOEQUIP								

Client Sample ID: MW28 (11-12 FT.)

Lab Sample ID: 400-223694-4

Date Collected: 07/27/22 13:35

Matrix: Solid

Date Received: 07/29/22 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			5.14 g	5.00 g	587700	08/05/22 07:54	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587659	08/05/22 14:36	BPO	EET PEN
		Instrument ID: CH_WASP								
Total/NA	Prep	5035			5.32 g	5.00 g	587051	08/01/22 10:38	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587036	08/01/22 20:00	SAB	EET PEN
		Instrument ID: CH_RITA								
Total/NA	Prep	3546			15.18 g	1 mL	587336	08/03/22 10:47	JTC	EET PEN
Total/NA	Analysis	8015D		1			587538	08/04/22 21:29	CJ	EET PEN
		Instrument ID: WALLE								
Soluble	Leach	DI Leach			2.545 g	50 mL	589537	08/19/22 16:59	JAW	EET PEN
Soluble	Analysis	9056A		1			589517	08/20/22 00:49	JAW	EET PEN
		Instrument ID: IC2								

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (11-12 FT.)

Lab Sample ID: 400-223694-4

Date Collected: 07/27/22 13:35

Matrix: Solid

Date Received: 07/29/22 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	3050B			0.5203 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587655	08/04/22 18:48	LSS	EET PEN
Instrument ID: Pluto										
Total/NA	Prep	3050B			0.5203 g	50 mL	586948	08/04/22 11:57	LEH	EET PEN
Total/NA	Analysis	6010B		1			587876	08/05/22 14:25	LSS	EET PEN
Instrument ID: Squidward										
Total/NA	Prep	7471B			.5184 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 12:05	NET	EET PEN
Instrument ID: HYDRAAA2										

Client Sample ID: MW28 (20-21 FT.)

Lab Sample ID: 400-223694-5

Date Collected: 07/27/22 14:05

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
Instrument ID: NOEQUIP										

Client Sample ID: MW28 (20-21 FT.)

Lab Sample ID: 400-223694-5

Date Collected: 07/27/22 14:05

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5.00 g	587700	08/05/22 07:54	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587659	08/05/22 15:03	BPO	EET PEN
Instrument ID: CH_WASP										
Total/NA	Prep	5035			5.32 g	5.00 g	587051	08/01/22 10:38	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587036	08/01/22 20:25	SAB	EET PEN
Instrument ID: CH_RITA										
Total/NA	Prep	3546			15.55 g	1 mL	587244	08/02/22 14:18	KWS	EET PEN
Total/NA	Analysis	8015D		1			587510	08/04/22 18:09	JAW	EET PEN
Instrument ID: Eva										
Soluble	Leach	DI Leach			2.498 g	50 mL	587183	08/02/22 09:43	JAS	EET PEN
Soluble	Analysis	9056A		1			587433	08/03/22 19:49	JAS	EET PEN
Instrument ID: Stitch										
Total/NA	Prep	3050B			0.5472 g	50 mL	587364	08/03/22 14:06	KWN	EET PEN
Total/NA	Analysis	6010B		1			587483	08/04/22 02:17	LSS	EET PEN
Instrument ID: Squidward										
Total/NA	Prep	7471B			.5358 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 12:07	NET	EET PEN
Instrument ID: HYDRAAA2										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW28 (50-51 FT.)

Lab Sample ID: 400-223694-6

Date Collected: 07/27/22 16:50

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
Instrument ID: NOEQUIP										

Client Sample ID: MW28 (50-51 FT.)

Lab Sample ID: 400-223694-6

Date Collected: 07/27/22 16:50

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5.00 g	587811	08/06/22 12:31	BEP	EET PEN
Total/NA	Analysis	8260C		100	5 mL	5 mL	587797	08/06/22 23:25	BEP	EET PEN
Instrument ID: Einstein										
Total/NA	Prep	5035			4.96 g	5.00 g	587354	08/03/22 10:25	SAB	EET PEN
Total/NA	Analysis	8015D		200	5 mL	5 mL	587326	08/03/22 20:03	SAB	EET PEN
Instrument ID: CH_RITA										
Total/NA	Prep	3546			15.39 g	1 mL	587244	08/02/22 14:18	KWS	EET PEN
Total/NA	Analysis	8015D		1			587510	08/04/22 18:25	JAW	EET PEN
Instrument ID: Eva										
Soluble	Leach	DI Leach			2.490 g	50 mL	587183	08/02/22 09:43	JAS	EET PEN
Soluble	Analysis	9056A		1			589768	08/23/22 00:01	JAS	EET PEN
Instrument ID: Stitch										
Total/NA	Prep	3050B			0.5478 g	50 mL	587364	08/03/22 14:06	KWN	EET PEN
Total/NA	Analysis	6010B		1			587483	08/04/22 02:06	LSS	EET PEN
Instrument ID: Squidward										
Total/NA	Prep	7471B			.5016 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 12:09	NET	EET PEN
Instrument ID: HYDRA AA2										

Client Sample ID: MW27 (43-44 FT.)

Lab Sample ID: 400-223694-7

Date Collected: 07/27/22 08:30

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
Instrument ID: NOEQUIP										

Client Sample ID: MW27 (43-44 FT.)

Lab Sample ID: 400-223694-7

Date Collected: 07/27/22 08:30

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.92 g	5.00 g	587700	08/05/22 07:54	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587659	08/05/22 15:29	BPO	EET PEN
Instrument ID: CH_WASP										
Total/NA	Prep	5035			5.04 g	5.00 g	587051	08/01/22 10:38	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587036	08/01/22 20:51	SAB	EET PEN
Instrument ID: CH_RITA										

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Client Sample ID: MW27 (43-44 FT.)

Lab Sample ID: 400-223694-7

Date Collected: 07/27/22 08:30

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.38 g	1 mL	587336	08/03/22 10:47	JTC	EET PEN
Total/NA	Analysis	8015D		1			587538	08/04/22 21:45	CJ	EET PEN
		Instrument ID: WALLE								
Soluble	Leach	DI Leach			2.555 g	50 mL	587183	08/02/22 09:43	JAS	EET PEN
Soluble	Analysis	9056A		1			589768	08/23/22 00:24	JAS	EET PEN
		Instrument ID: Stitch								
Total/NA	Prep	3050B			0.5147 g	50 mL	587364	08/03/22 14:06	KWN	EET PEN
Total/NA	Analysis	6010B		1			587483	08/04/22 02:09	LSS	EET PEN
		Instrument ID: Squidward								
Total/NA	Prep	7471B			.5116 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 12:11	NET	EET PEN
		Instrument ID: HYDRA AA2								

Client Sample ID: MW28 (31-32 FT.)

Lab Sample ID: 400-223694-8

Date Collected: 07/27/22 15:00

Matrix: Solid

Date Received: 07/29/22 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			587249	08/02/22 14:30	WJM	EET PEN
		Instrument ID: NOEQUIP								

Client Sample ID: MW28 (31-32 FT.)

Lab Sample ID: 400-223694-8

Date Collected: 07/27/22 15:00

Matrix: Solid

Date Received: 07/29/22 09:11

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.90 g	5.00 g	587700	08/05/22 07:54	BPO	EET PEN
Total/NA	Analysis	8260C		1	5 mL	5 mL	587659	08/05/22 15:55	BPO	EET PEN
		Instrument ID: CH_WASP								
Total/NA	Prep	5035			5.04 g	5.00 g	587354	08/03/22 10:25	SAB	EET PEN
Total/NA	Analysis	8015D		1	5 mL	5 mL	587326	08/03/22 20:29	SAB	EET PEN
		Instrument ID: CH_RITA								
Total/NA	Prep	3546			15.48 g	1 mL	587336	08/03/22 10:47	JTC	EET PEN
Total/NA	Analysis	8015D		1			587538	08/04/22 22:02	CJ	EET PEN
		Instrument ID: WALLE								
Soluble	Leach	DI Leach			2.507 g	50 mL	587183	08/02/22 09:43	JAS	EET PEN
Soluble	Analysis	9056A		1			589768	08/23/22 00:47	JAS	EET PEN
		Instrument ID: Stitch								
Total/NA	Prep	3050B			0.5023 g	50 mL	587364	08/03/22 13:21	KWN	EET PEN
Total/NA	Analysis	6010B		1			587483	08/04/22 01:07	LSS	EET PEN
		Instrument ID: Squidward								
Total/NA	Prep	7471B			.5006 g	40 mL	588170	08/10/22 09:25	NET	EET PEN
Total/NA	Analysis	7471B		1			588435	08/11/22 12:12	NET	EET PEN
		Instrument ID: HYDRA AA2								

* Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

GC/MS VOA

Analysis Batch: 587307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	8260C	587357
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	8260C	587357
MB 400-587357/2-A	Method Blank	Total/NA	Solid	8260C	587357
LCS 400-587357/1-A	Lab Control Sample	Total/NA	Solid	8260C	587357
180-141960-B-1-B MS	Matrix Spike	Total/NA	Solid	8260C	587357
180-141960-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260C	587357

Prep Batch: 587357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	5035	
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	5035	
MB 400-587357/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-587357/1-A	Lab Control Sample	Total/NA	Solid	5035	
180-141960-B-1-B MS	Matrix Spike	Total/NA	Solid	5035	
180-141960-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 587659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	8260C	587700
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	8260C	587700
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	8260C	587700
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	8260C	587700
MB 400-587700/2-A	Method Blank	Total/NA	Solid	8260C	587700
LCS 400-587700/1-A	Lab Control Sample	Total/NA	Solid	8260C	587700
180-141960-B-2-C MS	Matrix Spike	Total/NA	Solid	8260C	587700
180-141960-B-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8260C	587700

Prep Batch: 587700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	5035	
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	5035	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	5035	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	5035	
MB 400-587700/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-587700/1-A	Lab Control Sample	Total/NA	Solid	5035	
180-141960-B-2-C MS	Matrix Spike	Total/NA	Solid	5035	
180-141960-B-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 587797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	8260C	587811
MB 400-587811/2-A	Method Blank	Total/NA	Solid	8260C	587811
LCS 400-587811/1-A	Lab Control Sample	Total/NA	Solid	8260C	587811
400-223768-B-8-B MS	Matrix Spike	Total/NA	Solid	8260C	587811
400-223768-B-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8260C	587811

Prep Batch: 587811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	5035	
MB 400-587811/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-587811/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

GC/MS VOA (Continued)

Prep Batch: 587811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223768-B-8-B MS	Matrix Spike	Total/NA	Solid	5035	
400-223768-B-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC VOA

Analysis Batch: 587036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	8015D	587051
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	8015D	587051
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	8015D	587051
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	8015D	587051
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	8015D	587051
MB 400-587051/2-A	Method Blank	Total/NA	Solid	8015D	587051
LCS 400-587051/1-A	Lab Control Sample	Total/NA	Solid	8015D	587051
400-223544-A-6-C MS	Matrix Spike	Total/NA	Solid	8015D	587051
400-223544-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015D	587051

Prep Batch: 587051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	5035	
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	5035	
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	5035	
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	5035	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	5035	
MB 400-587051/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-587051/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-223544-A-6-C MS	Matrix Spike	Total/NA	Solid	5035	
400-223544-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 587326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	8015D	587354
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	8015D	587354
MB 400-587354/2-A	Method Blank	Total/NA	Solid	8015D	587354
LCS 400-587354/1-A	Lab Control Sample	Total/NA	Solid	8015D	587354
400-223742-A-1-C MS	Matrix Spike	Total/NA	Solid	8015D	587354
400-223742-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015D	587354

Prep Batch: 587354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	5035	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	5035	
MB 400-587354/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-587354/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-223742-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
400-223742-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 587244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	3546	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

GC Semi VOA (Continued)

Prep Batch: 587244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	3546	
MB 400-587244/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-587244/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-223694-6 MS	MW28 (50-51 FT.)	Total/NA	Solid	3546	
400-223694-6 MSD	MW28 (50-51 FT.)	Total/NA	Solid	3546	

Prep Batch: 587336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	3546	
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	3546	
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	3546	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	3546	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	3546	
MB 400-587336/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-587336/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-223399-B-8-B MS	Matrix Spike	Total/NA	Solid	3546	
400-223399-B-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 587443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-587244/1-A	Method Blank	Total/NA	Solid	8015D	587244
LCS 400-587244/2-A	Lab Control Sample	Total/NA	Solid	8015D	587244

Analysis Batch: 587510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	8015D	587244
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	8015D	587244
400-223694-6 MS	MW28 (50-51 FT.)	Total/NA	Solid	8015D	587244
400-223694-6 MSD	MW28 (50-51 FT.)	Total/NA	Solid	8015D	587244

Analysis Batch: 587538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	8015D	587336
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	8015D	587336
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	8015D	587336
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	8015D	587336
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	8015D	587336
MB 400-587336/1-A	Method Blank	Total/NA	Solid	8015D	587336
LCS 400-587336/2-A	Lab Control Sample	Total/NA	Solid	8015D	587336
400-223399-B-8-B MS	Matrix Spike	Total/NA	Solid	8015D	587336
400-223399-B-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015D	587336

HPLC/IC

Leach Batch: 587183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Soluble	Solid	DI Leach	
400-223694-6	MW28 (50-51 FT.)	Soluble	Solid	DI Leach	
400-223694-7	MW27 (43-44 FT.)	Soluble	Solid	DI Leach	
400-223694-8	MW28 (31-32 FT.)	Soluble	Solid	DI Leach	
MB 400-587183/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

HPLC/IC (Continued)

Leach Batch: 587183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-587183/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-587183/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
400-223508-B-6-B MS	Matrix Spike	Soluble	Solid	DI Leach	
400-223508-B-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 587433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Soluble	Solid	9056A	587183
MB 400-587183/1-A	Method Blank	Soluble	Solid	9056A	587183
LCS 400-587183/2-A	Lab Control Sample	Soluble	Solid	9056A	587183
400-223508-B-6-B MS	Matrix Spike	Soluble	Solid	9056A	587183
400-223508-B-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	9056A	587183

Analysis Batch: 589517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Soluble	Solid	9056A	589537
400-223694-3	MW27 (29-30 FT.)	Soluble	Solid	9056A	589537
400-223694-4	MW28 (11-12 FT.)	Soluble	Solid	9056A	589537
MB 400-589537/1-A	Method Blank	Soluble	Solid	9056A	589537
LCS 400-589537/2-A	Lab Control Sample	Soluble	Solid	9056A	589537
LCSD 400-589537/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	589537
400-223694-1 MS	MW27 (10-11 FT.)	Soluble	Solid	9056A	589537
400-223694-1 MSD	MW27 (10-11 FT.)	Soluble	Solid	9056A	589537

Leach Batch: 589537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Soluble	Solid	DI Leach	
400-223694-3	MW27 (29-30 FT.)	Soluble	Solid	DI Leach	
400-223694-4	MW28 (11-12 FT.)	Soluble	Solid	DI Leach	
MB 400-589537/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-589537/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-589537/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
400-223694-1 MS	MW27 (10-11 FT.)	Soluble	Solid	DI Leach	
400-223694-1 MSD	MW27 (10-11 FT.)	Soluble	Solid	DI Leach	

Analysis Batch: 589768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-6	MW28 (50-51 FT.)	Soluble	Solid	9056A	587183
400-223694-7	MW27 (43-44 FT.)	Soluble	Solid	9056A	587183
400-223694-8	MW28 (31-32 FT.)	Soluble	Solid	9056A	587183

Analysis Batch: 589925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 400-587183/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	587183

Metals

Prep Batch: 586948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	3050B	
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	3050B	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Metals (Continued)

Prep Batch: 586948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	3050B	
MB 400-586948/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 400-586948/2-A	Lab Control Sample	Total/NA	Solid	3050B	
400-223679-G-1-B MS	Matrix Spike	Total/NA	Solid	3050B	
400-223679-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 587364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	3050B	
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	3050B	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	3050B	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	3050B	
MB 400-587364/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 400-587364/2-A	Lab Control Sample	Total/NA	Solid	3050B	
400-223389-A-12-B MS	Matrix Spike	Total/NA	Solid	3050B	
400-223389-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 587483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	6010B	587364
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	6010B	587364
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	6010B	587364
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	6010B	587364
400-223389-A-12-B MS	Matrix Spike	Total/NA	Solid	6010B	587364
400-223389-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	587364

Analysis Batch: 587582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-587364/1-A	Method Blank	Total/NA	Solid	6010B	587364
LCS 400-587364/2-A	Lab Control Sample	Total/NA	Solid	6010B	587364

Analysis Batch: 587655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	6010B	586948
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	6010B	586948
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	6010B	586948
400-223679-G-1-B MS	Matrix Spike	Total/NA	Solid	6010B	586948
400-223679-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	586948

Analysis Batch: 587876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	6010B	586948
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	6010B	586948
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	6010B	586948
MB 400-586948/1-A	Method Blank	Total/NA	Solid	6010B	586948
LCS 400-586948/2-A	Lab Control Sample	Total/NA	Solid	6010B	586948

Prep Batch: 588167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	7471B	
MB 400-588167/14-A	Method Blank	Total/NA	Solid	7471B	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Metals (Continued)

Prep Batch: 588167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-588167/15-A	Lab Control Sample	Total/NA	Solid	7471B	
400-223490-A-22-C MS	Matrix Spike	Total/NA	Solid	7471B	
400-223490-A-22-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	

Prep Batch: 588170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	7471B	
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	7471B	
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	7471B	
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	7471B	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	7471B	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	7471B	
MB 400-588170/14-A	Method Blank	Total/NA	Solid	7471B	
LCS 400-588170/15-A	Lab Control Sample	Total/NA	Solid	7471B	
400-223694-3 MS	MW27 (29-30 FT.)	Total/NA	Solid	7471B	
400-223694-3 MSD	MW27 (29-30 FT.)	Total/NA	Solid	7471B	

Analysis Batch: 588318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	7471B	588167
MB 400-588167/14-A	Method Blank	Total/NA	Solid	7471B	588167
LCS 400-588167/15-A	Lab Control Sample	Total/NA	Solid	7471B	588167
400-223490-A-22-C MS	Matrix Spike	Total/NA	Solid	7471B	588167
400-223490-A-22-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	588167

Analysis Batch: 588435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	7471B	588170
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	7471B	588170
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	7471B	588170
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	7471B	588170
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	7471B	588170
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	7471B	588170
MB 400-588170/14-A	Method Blank	Total/NA	Solid	7471B	588170
LCS 400-588170/15-A	Lab Control Sample	Total/NA	Solid	7471B	588170
400-223694-3 MS	MW27 (29-30 FT.)	Total/NA	Solid	7471B	588170
400-223694-3 MSD	MW27 (29-30 FT.)	Total/NA	Solid	7471B	588170

General Chemistry

Analysis Batch: 587249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-223694-1	MW27 (10-11 FT.)	Total/NA	Solid	Moisture	
400-223694-3	MW27 (29-30 FT.)	Total/NA	Solid	Moisture	
400-223694-4	MW28 (11-12 FT.)	Total/NA	Solid	Moisture	
400-223694-5	MW28 (20-21 FT.)	Total/NA	Solid	Moisture	
400-223694-6	MW28 (50-51 FT.)	Total/NA	Solid	Moisture	
400-223694-7	MW27 (43-44 FT.)	Total/NA	Solid	Moisture	
400-223694-8	MW28 (31-32 FT.)	Total/NA	Solid	Moisture	
400-223704-A-3 DU	Duplicate	Total/NA	Solid	Moisture	
400-223744-B-6 DU	Duplicate	Total/NA	Solid	Moisture	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

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

Lab Sample ID: MB 400-587357/2-A

Matrix: Solid

Analysis Batch: 587307

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587357

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050	mg/Kg		08/03/22 08:42	08/03/22 10:53	1
Ethylbenzene	<0.0050		0.0050	mg/Kg		08/03/22 08:42	08/03/22 10:53	1
Toluene	<0.0050		0.0050	mg/Kg		08/03/22 08:42	08/03/22 10:53	1
Xylenes, Total	<0.010		0.010	mg/Kg		08/03/22 08:42	08/03/22 10:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130	08/03/22 08:42	08/03/22 10:53	1
Dibromofluoromethane	100		77 - 127	08/03/22 08:42	08/03/22 10:53	1
Toluene-d8 (Surr)	101		76 - 127	08/03/22 08:42	08/03/22 10:53	1

Lab Sample ID: LCS 400-587357/1-A

Matrix: Solid

Analysis Batch: 587307

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0513		mg/Kg		103	65 - 130
Ethylbenzene	0.0500	0.0536		mg/Kg		107	70 - 130
Toluene	0.0500	0.0512		mg/Kg		102	70 - 130
Xylenes, Total	0.100	0.109		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.0500	0.0537		mg/Kg		107	70 - 130
o-Xylene	0.0500	0.0552		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
Dibromofluoromethane	107		77 - 127
Toluene-d8 (Surr)	98		76 - 127

Lab Sample ID: 180-141960-B-1-B MS

Matrix: Solid

Analysis Batch: 587307

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0054		0.0548	0.0451		mg/Kg	⊛	82	38 - 131
Ethylbenzene	<0.0054		0.0548	0.0386		mg/Kg	⊛	71	35 - 130
Toluene	<0.0054		0.0548	0.0427		mg/Kg	⊛	78	42 - 130
Xylenes, Total	<0.011		0.110	0.0766		mg/Kg	⊛	70	35 - 130
m-Xylene & p-Xylene	<0.0054		0.0548	0.0380		mg/Kg	⊛	69	35 - 130
o-Xylene	<0.0054		0.0548	0.0386		mg/Kg	⊛	71	35 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	115		67 - 130
Dibromofluoromethane	103		77 - 127
Toluene-d8 (Surr)	105		76 - 127

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

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

Lab Sample ID: 180-141960-B-1-C MSD

Matrix: Solid

Analysis Batch: 587307

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.0054		0.0541	0.0483		mg/Kg	✱	89	38 - 131	7	36
Ethylbenzene	<0.0054		0.0541	0.0399		mg/Kg	✱	74	35 - 130	3	46
Toluene	<0.0054		0.0541	0.0450		mg/Kg	✱	83	42 - 130	5	37
Xylenes, Total	<0.011		0.108	0.0791		mg/Kg	✱	73	35 - 130	3	39
m-Xylene & p-Xylene	<0.0054		0.0541	0.0395		mg/Kg	✱	73	35 - 130	4	42
o-Xylene	<0.0054		0.0541	0.0396		mg/Kg	✱	73	35 - 130	2	37

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	113		67 - 130
Dibromofluoromethane	102		77 - 127
Toluene-d8 (Surr)	105		76 - 127

Lab Sample ID: MB 400-587700/2-A

Matrix: Solid

Analysis Batch: 587659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587700

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050	mg/Kg		08/05/22 07:54	08/05/22 09:48	1
Ethylbenzene	<0.0050		0.0050	mg/Kg		08/05/22 07:54	08/05/22 09:48	1
Toluene	<0.0050		0.0050	mg/Kg		08/05/22 07:54	08/05/22 09:48	1
Xylenes, Total	<0.010		0.010	mg/Kg		08/05/22 07:54	08/05/22 09:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130	08/05/22 07:54	08/05/22 09:48	1
Dibromofluoromethane	116		77 - 127	08/05/22 07:54	08/05/22 09:48	1
Toluene-d8 (Surr)	91		76 - 127	08/05/22 07:54	08/05/22 09:48	1

Lab Sample ID: LCS 400-587700/1-A

Matrix: Solid

Analysis Batch: 587659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0549		mg/Kg		110	65 - 130
Ethylbenzene	0.0500	0.0461		mg/Kg		92	70 - 130
Toluene	0.0500	0.0448		mg/Kg		90	70 - 130
Xylenes, Total	0.100	0.0897		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.0500	0.0448		mg/Kg		90	70 - 130
o-Xylene	0.0500	0.0449		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		67 - 130
Dibromofluoromethane	107		77 - 127
Toluene-d8 (Surr)	90		76 - 127

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

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

Lab Sample ID: 180-141960-B-2-C MS

Matrix: Solid

Analysis Batch: 587659

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0060		0.0606	0.0544		mg/Kg	✱	90	38 - 131
Ethylbenzene	<0.0060		0.0606	0.0319		mg/Kg	✱	53	35 - 130
Toluene	<0.0060		0.0606	0.0405		mg/Kg	✱	67	42 - 130
Xylenes, Total	<0.012		0.121	0.0598		mg/Kg	✱	49	35 - 130
m-Xylene & p-Xylene	<0.0060		0.0606	0.0301		mg/Kg	✱	50	35 - 130
o-Xylene	<0.0060		0.0606	0.0297		mg/Kg	✱	49	35 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
Dibromofluoromethane	104		77 - 127
Toluene-d8 (Surr)	89		76 - 127

Lab Sample ID: 180-141960-B-2-D MSD

Matrix: Solid

Analysis Batch: 587659

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587700

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.0060		0.0597	0.0570		mg/Kg	✱	95	38 - 131	5	36
Ethylbenzene	<0.0060		0.0597	0.0336		mg/Kg	✱	56	35 - 130	5	46
Toluene	<0.0060		0.0597	0.0400		mg/Kg	✱	67	42 - 130	1	37
Xylenes, Total	<0.012		0.119	0.0629		mg/Kg	✱	53	35 - 130	5	39
m-Xylene & p-Xylene	<0.0060		0.0597	0.0315		mg/Kg	✱	53	35 - 130	5	42
o-Xylene	<0.0060		0.0597	0.0314		mg/Kg	✱	53	35 - 130	5	37

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
Dibromofluoromethane	103		77 - 127
Toluene-d8 (Surr)	91		76 - 127

Lab Sample ID: MB 400-587811/2-A

Matrix: Solid

Analysis Batch: 587797

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587811

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0050		0.0050	mg/Kg		08/06/22 12:31	08/06/22 14:45	1
Ethylbenzene	<0.0050		0.0050	mg/Kg		08/06/22 12:31	08/06/22 14:45	1
Toluene	<0.0050		0.0050	mg/Kg		08/06/22 12:31	08/06/22 14:45	1
Xylenes, Total	<0.010		0.010	mg/Kg		08/06/22 12:31	08/06/22 14:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		67 - 130	08/06/22 12:31	08/06/22 14:45	1
Dibromofluoromethane	114		77 - 127	08/06/22 12:31	08/06/22 14:45	1
Toluene-d8 (Surr)	92		76 - 127	08/06/22 12:31	08/06/22 14:45	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

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

Lab Sample ID: LCS 400-587811/1-A

Matrix: Solid

Analysis Batch: 587797

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0460		mg/Kg		92	65 - 130
Ethylbenzene	0.0500	0.0482		mg/Kg		96	70 - 130
Toluene	0.0500	0.0457		mg/Kg		91	70 - 130
Xylenes, Total	0.100	0.0934		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.0500	0.0466		mg/Kg		93	70 - 130
o-Xylene	0.0500	0.0468		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		67 - 130
Dibromofluoromethane	112		77 - 127
Toluene-d8 (Surr)	102		76 - 127

Lab Sample ID: 400-223768-B-8-B MS

Matrix: Solid

Analysis Batch: 587797

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.012		0.112	0.0676		mg/Kg	✱	50	38 - 131
Ethylbenzene	<0.011		0.112	0.0501		mg/Kg	✱	45	35 - 130
Toluene	<0.011		0.112	0.0538		mg/Kg	✱	48	42 - 130
Xylenes, Total	<0.022		0.224	0.0968		mg/Kg	✱	43	35 - 130
m-Xylene & p-Xylene	<0.011		0.112	0.0491		mg/Kg	✱	44	35 - 130
o-Xylene	<0.011		0.112	0.0477		mg/Kg	✱	43	35 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
Dibromofluoromethane	106		77 - 127
Toluene-d8 (Surr)	98		76 - 127

Lab Sample ID: 400-223768-B-8-C MSD

Matrix: Solid

Analysis Batch: 587797

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.012		0.113	0.0839		mg/Kg	✱	64	38 - 131	22	36
Ethylbenzene	<0.011		0.113	0.0641		mg/Kg	✱	57	35 - 130	24	46
Toluene	<0.011		0.113	0.0697		mg/Kg	✱	62	42 - 130	26	37
Xylenes, Total	<0.022		0.226	0.127		mg/Kg	✱	56	35 - 130	27	39
m-Xylene & p-Xylene	<0.011		0.113	0.0641		mg/Kg	✱	57	35 - 130	27	42
o-Xylene	<0.011		0.113	0.0625		mg/Kg	✱	55	35 - 130	27	37

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
Dibromofluoromethane	108		77 - 127
Toluene-d8 (Surr)	101		76 - 127

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 400-587051/2-A

Matrix: Solid

Analysis Batch: 587036

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587051

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.10		0.10	mg/Kg		08/01/22 10:38	08/01/22 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	98		65 - 125	08/01/22 10:38	08/01/22 11:45	1

Lab Sample ID: LCS 400-587051/1-A

Matrix: Solid

Analysis Batch: 587036

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO) C6--C10	1.00	0.850		mg/Kg		85	62 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	98		65 - 125

Lab Sample ID: 400-223544-A-6-C MS

Matrix: Solid

Analysis Batch: 587036

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO) C6--C10	4.1		39.4	43.7		mg/Kg	✱	100	10 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	102		65 - 125

Lab Sample ID: 400-223544-A-6-D MSD

Matrix: Solid

Analysis Batch: 587036

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO) C6--C10	4.1		39.4	42.3		mg/Kg	✱	97	10 - 150	3	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	100		65 - 125

Lab Sample ID: MB 400-587354/2-A

Matrix: Solid

Analysis Batch: 587326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587354

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	<0.10		0.10	mg/Kg		08/03/22 10:25	08/03/22 11:32	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 400-587354/2-A

Matrix: Solid

Analysis Batch: 587326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587354

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	99		65 - 125	08/03/22 10:25	08/03/22 11:32	1

Lab Sample ID: LCS 400-587354/1-A

Matrix: Solid

Analysis Batch: 587326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587354

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO) C6--C10		1.00	0.841		mg/Kg		84	62 - 141
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
a,a,a-Trifluorotoluene (fid)	100		65 - 125					

Lab Sample ID: 400-223742-A-1-C MS

Matrix: Solid

Analysis Batch: 587326

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO) C6--C10	<21		211	170		mg/Kg	☼	81	10 - 150		
Surrogate	MS %Recovery	MS Qualifier	Limits								
a.a.a-Trifluorotoluene (fid)	100		65 - 125								

Lab Sample ID: 400-223742-A-1-D MSD

Matrix: Solid

Analysis Batch: 587326

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587354

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	<21		211	156		mg/Kg	☼	74	10 - 150	9	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
a,a,a-Trifluorotoluene (fid)	101		65 - 125								

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-587244/1-A

Matrix: Solid

Analysis Batch: 587443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587244

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.0		5.0	mg/Kg		08/02/22 14:18	08/04/22 04:11	1
Oil Range Organics (ORO)	<5.0		5.0	mg/Kg		08/02/22 14:18	08/04/22 04:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl	82		27 - 150			08/02/22 14:18	08/04/22 04:11	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 400-587244/2-A

Matrix: Solid

Analysis Batch: 587443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587244

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO)			268	217		mg/Kg		81	38 - 116
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
o-Terphenyl		75		27 - 150					

Lab Sample ID: 400-223694-6 MS

Matrix: Solid

Analysis Batch: 587510

Client Sample ID: MW28 (50-51 FT.)

Prep Type: Total/NA

Prep Batch: 587244

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO)	390	F1 F2	310	726		mg/Kg	✱	109	62 - 150
Surrogate		MS %Recovery	MS Qualifier	Limits					
o-Terphenyl		102		27 - 150					

Lab Sample ID: 400-223694-6 MSD

Matrix: Solid

Analysis Batch: 587510

Client Sample ID: MW28 (50-51 FT.)

Prep Type: Total/NA

Prep Batch: 587244

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	390	F1 F2	312	503	F1 F2	mg/Kg	✱	37	62 - 150	36	30
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
o-Terphenyl		96		27 - 150							

Lab Sample ID: MB 400-587336/1-A

Matrix: Solid

Analysis Batch: 587538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587336

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<5.0		5.0	mg/Kg		08/03/22 10:47	08/04/22 14:53	1
Oil Range Organics (ORO)	<5.0		5.0	mg/Kg		08/03/22 10:47	08/04/22 14:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl	82		27 - 150			08/03/22 10:47	08/04/22 14:53	1

Lab Sample ID: LCS 400-587336/2-A

Matrix: Solid

Analysis Batch: 587538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587336

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (DRO)			268	208		mg/Kg		77	38 - 116
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
o-Terphenyl		81		27 - 150					

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 400-223399-B-8-B MS

Matrix: Solid

Analysis Batch: 587538

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (DRO)	<5.5		292	209		mg/Kg	☆	72	62 - 150		
Surrogate	MS %Recovery	MS Qualifier	MS Limits								
o-Terphenyl	79		27 - 150								

Lab Sample ID: 400-223399-B-8-C MSD

Matrix: Solid

Analysis Batch: 587538

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	<5.5		294	228		mg/Kg	☆	78	62 - 150	8	30
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
o-Terphenyl	79		27 - 150								

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-587183/1-A

Matrix: Solid

Analysis Batch: 587433

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20	mg/Kg			08/03/22 13:43	1

Lab Sample ID: LCS 400-587183/2-A

Matrix: Solid

Analysis Batch: 587433

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	99.8	119		mg/Kg		119	80 - 120		

Lab Sample ID: 400-223508-B-6-B MS

Matrix: Solid

Analysis Batch: 587433

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	970		99.9	999	E 4	mg/Kg		26	80 - 120		

Lab Sample ID: 400-223508-B-6-C MSD

Matrix: Solid

Analysis Batch: 587433

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	970		100	994	4	mg/Kg		21	80 - 120	0	15

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 400-589537/1-A

Matrix: Solid

Analysis Batch: 589517

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20	mg/Kg			08/19/22 22:24	1

Lab Sample ID: LCS 400-589537/2-A

Matrix: Solid

Analysis Batch: 589517

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	97.5	92.7		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 400-589537/3-A

Matrix: Solid

Analysis Batch: 589517

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	97.3	95.8		mg/Kg		98	80 - 120	3	15

Lab Sample ID: 400-223694-1 MS

Matrix: Solid

Analysis Batch: 589517

Client Sample ID: MW27 (10-11 FT.)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<22		108	108		mg/Kg	☼	95	80 - 120

Lab Sample ID: 400-223694-1 MSD

Matrix: Solid

Analysis Batch: 589517

Client Sample ID: MW27 (10-11 FT.)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<22		110	106		mg/Kg	☼	92	80 - 120	1	15

Lab Sample ID: LCSD 400-587183/3-A

Matrix: Solid

Analysis Batch: 589925

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	100	104		mg/Kg		104	80 - 120	13	15

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 400-586948/1-A

Matrix: Solid

Analysis Batch: 587876

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 586948

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<10		10	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Arsenic	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Barium	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Boron	<10		10	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Cadmium	<0.50		0.50	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Chromium	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 400-586948/1-A

Matrix: Solid

Analysis Batch: 587876

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 586948

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Iron	<10		10	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Lead	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Manganese	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Molybdenum	<1.0		1.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Nickel	<0.50		0.50	mg/Kg		08/04/22 11:57	08/05/22 13:07	1
Selenium	<2.0		2.0	mg/Kg		08/04/22 11:57	08/05/22 13:07	1

Lab Sample ID: LCS 400-586948/2-A

Matrix: Solid

Analysis Batch: 587876

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 586948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	1070		mg/Kg		107	80 - 120
Arsenic	100	105		mg/Kg		105	80 - 120
Barium	100	112		mg/Kg		112	80 - 120
Boron	100	101		mg/Kg		101	80 - 120
Cadmium	50.1	52.9		mg/Kg		106	80 - 120
Chromium	100	107		mg/Kg		107	80 - 120
Cobalt	100	105		mg/Kg		105	80 - 120
Iron	1000	1100		mg/Kg		109	80 - 120
Lead	100	106		mg/Kg		106	80 - 120
Manganese	100	110		mg/Kg		110	80 - 120
Molybdenum	100	111		mg/Kg		111	80 - 120
Nickel	100	105		mg/Kg		105	80 - 120
Selenium	100	98.9		mg/Kg		99	80 - 120

Lab Sample ID: 400-223679-G-1-B MS

Matrix: Solid

Analysis Batch: 587655

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 586948

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	12000	B	1010	13700	4	mg/Kg	☼	214	75 - 125
Arsenic	5.7		101	108		mg/Kg	☼	101	75 - 125
Barium	140	^+	101	244	^+	mg/Kg	☼	107	75 - 125
Boron	<11		101	100		mg/Kg	☼	99	75 - 125
Cadmium	<0.55		50.7	53.4		mg/Kg	☼	105	75 - 125
Chromium	21		101	128		mg/Kg	☼	105	75 - 125
Cobalt	11		101	124		mg/Kg	☼	112	75 - 125
Iron	23000	B	1010	24500	4	mg/Kg	☼	143	75 - 125
Lead	8.5		101	123		mg/Kg	☼	113	75 - 125
Manganese	400		101	512		mg/Kg	☼	111	75 - 125
Molybdenum	<1.1		101	104		mg/Kg	☼	102	75 - 125
Nickel	18		101	128		mg/Kg	☼	108	75 - 125
Selenium	<2.2		101	90.3		mg/Kg	☼	89	75 - 125

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 400-223679-G-1-C MSD

Matrix: Solid

Analysis Batch: 587655

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 586948

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	12000	B	1040	13400	4	mg/Kg	✱	186	75 - 125	2	20
Arsenic	5.7		104	108		mg/Kg	✱	98	75 - 125	1	20
Barium	140	^+	104	245	^+	mg/Kg	✱	106	75 - 125	0	20
Boron	<11		104	99.8		mg/Kg	✱	96	75 - 125	0	20
Cadmium	<0.55		51.9	53.5		mg/Kg	✱	103	75 - 125	0	20
Chromium	21		104	130		mg/Kg	✱	104	75 - 125	1	20
Cobalt	11		104	126		mg/Kg	✱	111	75 - 125	2	20
Iron	23000	B	1040	24000	4	mg/Kg	✱	86	75 - 125	2	20
Lead	8.5		104	121		mg/Kg	✱	108	75 - 125	2	20
Manganese	400		104	500		mg/Kg	✱	96	75 - 125	2	20
Molybdenum	<1.1		104	104		mg/Kg	✱	100	75 - 125	0	20
Nickel	18		104	130		mg/Kg	✱	107	75 - 125	2	20
Selenium	<2.2		104	89.8		mg/Kg	✱	86	75 - 125	1	20

Lab Sample ID: MB 400-587364/1-A

Matrix: Solid

Analysis Batch: 587582

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 587364

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<10		10	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Arsenic	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Barium	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Boron	<10		10	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Cadmium	<0.51		0.51	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Chromium	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Cobalt	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Iron	<10		10	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Lead	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Manganese	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Molybdenum	<1.0		1.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Nickel	<0.51		0.51	mg/Kg		08/03/22 13:21	08/04/22 14:34	1
Selenium	<2.0		2.0	mg/Kg		08/03/22 13:21	08/04/22 14:34	1

Lab Sample ID: LCS 400-587364/2-A

Matrix: Solid

Analysis Batch: 587582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	996	1030		mg/Kg		104	80 - 120
Arsenic	99.6	102		mg/Kg		102	80 - 120
Barium	99.6	108		mg/Kg		108	80 - 120
Boron	99.6	97.7		mg/Kg		98	80 - 120
Cadmium	49.8	51.1		mg/Kg		103	80 - 120
Chromium	99.6	104		mg/Kg		104	80 - 120
Cobalt	99.6	102		mg/Kg		102	80 - 120
Iron	996	1030		mg/Kg		103	80 - 120
Lead	99.6	102		mg/Kg		102	80 - 120
Manganese	99.6	110		mg/Kg		110	80 - 120
Molybdenum	99.6	107		mg/Kg		108	80 - 120

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 400-587364/2-A

Matrix: Solid

Analysis Batch: 587582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 587364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	99.6	102		mg/Kg		102	80 - 120
Selenium	99.6	96.0		mg/Kg		96	80 - 120

Lab Sample ID: 400-223389-A-12-B MS

Matrix: Solid

Analysis Batch: 587483

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 587364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	14000		1070	21400	4	mg/Kg	✱	723	75 - 125
Arsenic	10		106	115		mg/Kg	✱	98	75 - 125
Barium	59		106	180		mg/Kg	✱	114	75 - 125
Boron	<10		106	92.1		mg/Kg	✱	87	75 - 125
Cadmium	<0.51		53.2	50.5		mg/Kg	✱	95	75 - 125
Chromium	25		106	130		mg/Kg	✱	99	75 - 125
Cobalt	15		106	112		mg/Kg	✱	91	75 - 125
Iron	22000		1070	21000	4	mg/Kg	✱	-98	75 - 125
Lead	13		106	119		mg/Kg	✱	100	75 - 125
Manganese	200	F2 F1	106	280	F1	mg/Kg	✱	71	75 - 125
Molybdenum	<1.0		106	102		mg/Kg	✱	96	75 - 125
Nickel	8.0		106	117		mg/Kg	✱	103	75 - 125
Selenium	<2.1		106	95.7		mg/Kg	✱	90	75 - 125

Lab Sample ID: 400-223389-A-12-C MSD

Matrix: Solid

Analysis Batch: 587483

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 587364

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	14000		1030	20900	4	mg/Kg	✱	704	75 - 125	11	20
Arsenic	10		103	106		mg/Kg	✱	92	75 - 125	14	20
Barium	59		103	179		mg/Kg	✱	116	75 - 125	0	20
Boron	<10		103	88.0		mg/Kg	✱	85	75 - 125	9	20
Cadmium	<0.51		51.6	48.4		mg/Kg	✱	94	75 - 125	9	20
Chromium	25		103	119		mg/Kg	✱	91	75 - 125	13	20
Cobalt	15		103	110		mg/Kg	✱	92	75 - 125	6	20
Iron	22000		1030	20000	4	mg/Kg	✱	-194	75 - 125	13	20
Lead	13		103	117		mg/Kg	✱	100	75 - 125	6	20
Manganese	200	F2 F1	103	243	F2 F1	mg/Kg	✱	38	75 - 125	22	20
Molybdenum	<1.0		103	98.5		mg/Kg	✱	95	75 - 125	8	20
Nickel	8.0		103	115		mg/Kg	✱	103	75 - 125	7	20
Selenium	<2.1		103	92.5		mg/Kg	✱	90	75 - 125	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 400-588167/14-A

Matrix: Solid

Analysis Batch: 588318

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 588167

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.013		0.013	mg/Kg		08/10/22 09:22	08/11/22 08:19	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 400-588167/15-A

Matrix: Solid

Analysis Batch: 588318

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 588167

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.0671	0.0663		mg/Kg		99	80 - 120

Lab Sample ID: 400-223490-A-22-C MS

Matrix: Solid

Analysis Batch: 588318

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 588167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.036		0.155	0.162		mg/Kg		82	80 - 120

Lab Sample ID: 400-223490-A-22-D MSD

Matrix: Solid

Analysis Batch: 588318

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 588167

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	0.036		0.152	0.167		mg/Kg		86	80 - 120	3	20

Lab Sample ID: MB 400-588170/14-A

Matrix: Solid

Analysis Batch: 588435

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 588170

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.013		0.013		mg/Kg		08/10/22 09:25	08/11/22 11:39	1

Lab Sample ID: LCS 400-588170/15-A

Matrix: Solid

Analysis Batch: 588435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 588170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.0670	0.0783		mg/Kg		117	80 - 120

Lab Sample ID: 400-223694-3 MS

Matrix: Solid

Analysis Batch: 588435

Client Sample ID: MW27 (29-30 FT.)

Prep Type: Total/NA

Prep Batch: 588170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021		0.178	0.210		mg/Kg	✱	106	80 - 120

Lab Sample ID: 400-223694-3 MSD

Matrix: Solid

Analysis Batch: 588435

Client Sample ID: MW27 (29-30 FT.)

Prep Type: Total/NA

Prep Batch: 588170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	0.021		0.171	0.183		mg/Kg	✱	95	80 - 120	14	20

Eurofins Pensacola

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

Chain of Custody Record



Environment Testing
America

Client Information					
Sampler:	Rob Malcomson				
Lao PW:	Whitmire, Cheyenne R				
COC No:	400-223694 COC				
Phone:	515 710 9815				
E-Mail:	Cheyenne.Whitmire@et.eurofinsus.com				
State of Origin:	NM				
Page:	Page 1 of 1				
JOB #:					
Analysis Requested					
Due Date Requested:					
TAT Requested (days):	Standard				
Compliance Project:	Δ Yes Δ No				
PO #:	WD1040014				
WO #:	ERG-STN-07-06-22-CSH-1				
Project #:	40005479				
SSOW#:					
Site: El Paso NG Site					
Sample Identification					
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=air)	Field Filtered Sample (Yes or No)
D# MW27 (10-11 ft.)	7/26/22	1550	G	Solid	X
D# MW27 (24-25 ft.)	7/26/22	1620	G	Solid	X
D# MW27 (29-30 ft.)	7/26/22	1705	G	Solid	X
D# MW28 (11-12 ft.)	7/27/22	1335	G	Solid	X
D# MW28 (20-21 ft.)	7/27/22	1405	G	Solid	X
D# MW28 (50-51 ft.)	7/27/22	1650	G	Solid	X
MW27 (43-44 ft.)	7/27/22	0830	G	Solid	X
MW28 (31-32 ft.)	7/27/22	1500	G	Solid	X
MW28 (59-60 ft.)	7/28/22	0930	G	Solid	X
Special Instructions/Note:					
Total Number of containers					
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) Other:					
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: Rob Malcomson					
Relinquished by: Steve Varsa					
Relinquished by:					
Relinquished by:					
Custody Seal Intact: Δ Yes Δ No					
Cooler Temperature(s) °C and Other Remarks: 29°C					

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-223694-1

SDG Number: El Paso NG Site

Login Number: 223694**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	2.9°C IR-9
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: San Juan River Plant

Job ID: 400-223694-1
SDG: El Paso NG Site

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

APPENDIX G



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-220234-1

Client Project/Site: San Juan River Plant RWIP

For:

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

Attn: Steve Varsa

Authorized for release by:

6/17/2022 4:58:56 PM

Isabel Enfinger, Project Manager I
(850)471-6237

isabel.enfinger@et.eurofinsus.com

Designee for

Cheyenne Whitmire, Project Manager II
(850)471-6222

Cheyenne.Whitmire@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Laboratory Job ID: 400-220234-1

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	6
Sample Summary	7
Client Sample Results	8
Definitions	28
Surrogate Summary	29
Chronicle	30
QC Association	34
QC Sample Results	35
Receipt Checklists	38
Chain of Custody	39
Certification Summary	41

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Job ID: 400-220234-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-220234-1

Comments

No additional comments.

Receipt

The samples were received on 5/20/2022 8:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7° C.

GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13 (400-220234-9), MW-15 (400-220234-11), MW-16 (400-220234-12) and DUP-02 (400-220234-20). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-2

Lab Sample ID: 400-220234-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00041	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 400-220234-2

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-220234-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00051	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 400-220234-4

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-220234-5

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-220234-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.025		0.0010	0.00013	mg/L	1		8260B	Total/NA
Ethylbenzene	0.021		0.0010	0.00050	mg/L	1		8260B	Total/NA
Toluene	0.00042	J	0.0010	0.00041	mg/L	1		8260B	Total/NA
Xylenes, Total	0.0038	J	0.010	0.0016	mg/L	1		8260B	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 400-220234-7

No Detections.

Client Sample ID: MW-12

Lab Sample ID: 400-220234-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00046	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 400-220234-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.028		0.010	0.0050	mg/L	10		8260B	Total/NA
Toluene	0.0054	J	0.010	0.0041	mg/L	10		8260B	Total/NA
Benzene - DL	2.4		0.050	0.0065	mg/L	50		8260B	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 400-220234-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00056	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 400-220234-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.27		0.0020	0.00026	mg/L	2		8260B	Total/NA
Ethylbenzene	0.012		0.0020	0.0010	mg/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-16

Lab Sample ID: 400-220234-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.44		0.0050	0.00065	mg/L	5		8260B	Total/NA
Ethylbenzene	0.26		0.0050	0.0025	mg/L	5		8260B	Total/NA
Xylenes, Total	0.97		0.050	0.0080	mg/L	5		8260B	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 400-220234-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00050	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-19

Lab Sample ID: 400-220234-14

No Detections.

Client Sample ID: MW-22

Lab Sample ID: 400-220234-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00042	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-24

Lab Sample ID: 400-220234-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00036	J	0.0010	0.00013	mg/L	1		8260B	Total/NA
Toluene	0.00048	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-25

Lab Sample ID: 400-220234-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00023	J	0.0010	0.00013	mg/L	1		8260B	Total/NA
Toluene	0.00048	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: MW-26

Lab Sample ID: 400-220234-18

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-220234-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.024		0.0010	0.00013	mg/L	1		8260B	Total/NA
Ethylbenzene	0.021		0.0010	0.00050	mg/L	1		8260B	Total/NA
Xylenes, Total	0.0038	J	0.010	0.0016	mg/L	1		8260B	Total/NA

Client Sample ID: DUP-02

Lab Sample ID: 400-220234-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.44		0.0050	0.00065	mg/L	5		8260B	Total/NA
Ethylbenzene	0.27		0.0050	0.0025	mg/L	5		8260B	Total/NA
Xylenes, Total	0.99		0.050	0.0080	mg/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

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

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

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-220234-1	MW-2	Water	05/19/22 07:20	05/20/22 08:55
400-220234-2	MW-4	Water	05/19/22 07:30	05/20/22 08:55
400-220234-3	MW-6	Water	05/19/22 07:00	05/20/22 08:55
400-220234-4	MW-8	Water	05/19/22 08:15	05/20/22 08:55
400-220234-5	TRIP BLANK	Water	05/19/22 06:50	05/20/22 08:55
400-220234-6	MW-9	Water	05/19/22 07:50	05/20/22 08:55
400-220234-7	MW-11	Water	05/19/22 09:30	05/20/22 08:55
400-220234-8	MW-12	Water	05/19/22 09:10	05/20/22 08:55
400-220234-9	MW-13	Water	05/19/22 09:00	05/20/22 08:55
400-220234-10	MW-14	Water	05/19/22 08:50	05/20/22 08:55
400-220234-11	MW-15	Water	05/19/22 08:35	05/20/22 08:55
400-220234-12	MW-16	Water	05/19/22 08:00	05/20/22 08:55
400-220234-13	MW-18	Water	05/19/22 07:35	05/20/22 08:55
400-220234-14	MW-19	Water	05/19/22 08:55	05/20/22 08:55
400-220234-15	MW-22	Water	05/19/22 08:20	05/20/22 08:55
400-220234-16	MW-24	Water	05/19/22 09:50	05/20/22 08:55
400-220234-17	MW-25	Water	05/19/22 09:35	05/20/22 08:55
400-220234-18	MW-26	Water	05/19/22 09:20	05/20/22 08:55
400-220234-19	DUP-01	Water	05/19/22 08:50	05/20/22 08:55
400-220234-20	DUP-02	Water	05/19/22 09:00	05/20/22 08:55

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-2

Lab Sample ID: 400-220234-1

Date Collected: 05/19/22 07:20

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 14:08	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 14:08	1
Toluene	0.00041	J	0.0010	0.00041	mg/L			05/25/22 14:08	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/25/22 14:08	1
Dibromofluoromethane	110		75 - 126		05/25/22 14:08	1
Toluene-d8 (Surr)	92		64 - 132		05/25/22 14:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-4

Lab Sample ID: 400-220234-2

Date Collected: 05/19/22 07:30

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 14:34	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 14:34	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/25/22 14:34	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		05/25/22 14:34	1
Dibromofluoromethane	110		75 - 126		05/25/22 14:34	1
Toluene-d8 (Surr)	93		64 - 132		05/25/22 14:34	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-6

Lab Sample ID: 400-220234-3

Date Collected: 05/19/22 07:00

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 15:00	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 15:00	1
Toluene	0.00051	J	0.0010	0.00041	mg/L			05/25/22 15:00	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/25/22 15:00	1
Dibromofluoromethane	112		75 - 126		05/25/22 15:00	1
Toluene-d8 (Surr)	91		64 - 132		05/25/22 15:00	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-8

Lab Sample ID: 400-220234-4

Date Collected: 05/19/22 08:15

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/26/22 08:49	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/26/22 08:49	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/26/22 08:49	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/26/22 08:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		05/26/22 08:49	1
Dibromofluoromethane	113		75 - 126		05/26/22 08:49	1
Toluene-d8 (Surr)	90		64 - 132		05/26/22 08:49	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-220234-5

Date Collected: 05/19/22 06:50

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 13:42	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 13:42	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/25/22 13:42	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119		05/25/22 13:42	1
Dibromofluoromethane	111		75 - 126		05/25/22 13:42	1
Toluene-d8 (Surr)	91		64 - 132		05/25/22 13:42	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-9

Lab Sample ID: 400-220234-6

Date Collected: 05/19/22 07:50

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.025		0.0010	0.00013	mg/L			05/25/22 15:52	1
Ethylbenzene	0.021		0.0010	0.00050	mg/L			05/25/22 15:52	1
Toluene	0.00042	J	0.0010	0.00041	mg/L			05/25/22 15:52	1
Xylenes, Total	0.0038	J	0.010	0.0016	mg/L			05/25/22 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119		05/25/22 15:52	1
Dibromofluoromethane	112		75 - 126		05/25/22 15:52	1
Toluene-d8 (Surr)	91		64 - 132		05/25/22 15:52	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-11

Lab Sample ID: 400-220234-7

Date Collected: 05/19/22 09:30

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/26/22 09:15	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/26/22 09:15	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/26/22 09:15	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/26/22 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119					05/26/22 09:15	1
Dibromofluoromethane	114		75 - 126					05/26/22 09:15	1
Toluene-d8 (Surr)	90		64 - 132					05/26/22 09:15	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-12

Lab Sample ID: 400-220234-8

Date Collected: 05/19/22 09:10

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 16:45	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 16:45	1
Toluene	0.00046	J	0.0010	0.00041	mg/L			05/25/22 16:45	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119		05/25/22 16:45	1
Dibromofluoromethane	114		75 - 126		05/25/22 16:45	1
Toluene-d8 (Surr)	93		64 - 132		05/25/22 16:45	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-13

Lab Sample ID: 400-220234-9

Date Collected: 05/19/22 09:00

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.028		0.010	0.0050	mg/L			05/25/22 19:47	10
Toluene	0.0054	J	0.010	0.0041	mg/L			05/25/22 19:47	10
Xylenes, Total	0.016	U	0.10	0.016	mg/L			05/25/22 19:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		05/25/22 19:47	10
Dibromofluoromethane	115		75 - 126		05/25/22 19:47	10
Toluene-d8 (Surr)	91		64 - 132		05/25/22 19:47	10

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.4		0.050	0.0065	mg/L			05/26/22 11:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119		05/26/22 11:45	50
Dibromofluoromethane	110		75 - 126		05/26/22 11:45	50
Toluene-d8 (Surr)	92		64 - 132		05/26/22 11:45	50

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-14

Lab Sample ID: 400-220234-10

Date Collected: 05/19/22 08:50

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 17:11	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 17:11	1
Toluene	0.00056	J	0.0010	0.00041	mg/L			05/25/22 17:11	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		05/25/22 17:11	1
Dibromofluoromethane	114		75 - 126		05/25/22 17:11	1
Toluene-d8 (Surr)	94		64 - 132		05/25/22 17:11	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-15

Lab Sample ID: 400-220234-11

Date Collected: 05/19/22 08:35

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.27		0.0020	0.00026	mg/L			05/26/22 10:30	2
Ethylbenzene	0.012		0.0020	0.0010	mg/L			05/26/22 10:30	2
Toluene	0.00082	U	0.0020	0.00082	mg/L			05/26/22 10:30	2
Xylenes, Total	0.0032	U	0.020	0.0032	mg/L			05/26/22 10:30	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		05/26/22 10:30	2
Dibromofluoromethane	115		75 - 126		05/26/22 10:30	2
Toluene-d8 (Surr)	87		64 - 132		05/26/22 10:30	2

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-16

Lab Sample ID: 400-220234-12

Date Collected: 05/19/22 08:00

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.44		0.0050	0.00065	mg/L			05/26/22 11:19	5
Ethylbenzene	0.26		0.0050	0.0025	mg/L			05/26/22 11:19	5
Toluene	0.0021	U	0.0050	0.0021	mg/L			05/26/22 11:19	5
Xylenes, Total	0.97		0.050	0.0080	mg/L			05/26/22 11:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/26/22 11:19	5
Dibromofluoromethane	111		75 - 126		05/26/22 11:19	5
Toluene-d8 (Surr)	92		64 - 132		05/26/22 11:19	5

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-18

Lab Sample ID: 400-220234-13

Date Collected: 05/19/22 07:35

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 17:37	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 17:37	1
Toluene	0.00050	J	0.0010	0.00041	mg/L			05/25/22 17:37	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/25/22 17:37	1
Dibromofluoromethane	116		75 - 126		05/25/22 17:37	1
Toluene-d8 (Surr)	91		64 - 132		05/25/22 17:37	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-19

Lab Sample ID: 400-220234-14

Date Collected: 05/19/22 08:55

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 10:39	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 10:39	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/25/22 10:39	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/25/22 10:39	1
Dibromofluoromethane	110		75 - 126		05/25/22 10:39	1
Toluene-d8 (Surr)	93		64 - 132		05/25/22 10:39	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-22

Lab Sample ID: 400-220234-15

Date Collected: 05/19/22 08:20

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 18:03	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 18:03	1
Toluene	0.00042	J	0.0010	0.00041	mg/L			05/25/22 18:03	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		05/25/22 18:03	1
Dibromofluoromethane	112		75 - 126		05/25/22 18:03	1
Toluene-d8 (Surr)	92		64 - 132		05/25/22 18:03	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-24

Lab Sample ID: 400-220234-16

Date Collected: 05/19/22 09:50

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00036	J	0.0010	0.00013	mg/L			05/25/22 18:29	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 18:29	1
Toluene	0.00048	J	0.0010	0.00041	mg/L			05/25/22 18:29	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		05/25/22 18:29	1
Dibromofluoromethane	111		75 - 126		05/25/22 18:29	1
Toluene-d8 (Surr)	91		64 - 132		05/25/22 18:29	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-25

Lab Sample ID: 400-220234-17

Date Collected: 05/19/22 09:35

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00023	J	0.0010	0.00013	mg/L			05/25/22 18:55	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 18:55	1
Toluene	0.00048	J	0.0010	0.00041	mg/L			05/25/22 18:55	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 119					05/25/22 18:55	1
Dibromofluoromethane	112		75 - 126					05/25/22 18:55	1
Toluene-d8 (Surr)	91		64 - 132					05/25/22 18:55	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-26

Lab Sample ID: 400-220234-18

Date Collected: 05/19/22 09:20

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/26/22 09:39	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/26/22 09:39	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/26/22 09:39	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/26/22 09:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		05/26/22 09:39	1
Dibromofluoromethane	116		75 - 126		05/26/22 09:39	1
Toluene-d8 (Surr)	90		64 - 132		05/26/22 09:39	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: DUP-01

Lab Sample ID: 400-220234-19

Date Collected: 05/19/22 08:50

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.024		0.0010	0.00013	mg/L			05/26/22 10:04	1
Ethylbenzene	0.021		0.0010	0.00050	mg/L			05/26/22 10:04	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/26/22 10:04	1
Xylenes, Total	0.0038	J	0.010	0.0016	mg/L			05/26/22 10:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119		05/26/22 10:04	1
Dibromofluoromethane	113		75 - 126		05/26/22 10:04	1
Toluene-d8 (Surr)	88		64 - 132		05/26/22 10:04	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: DUP-02

Lab Sample ID: 400-220234-20

Date Collected: 05/19/22 09:00

Matrix: Water

Date Received: 05/20/22 08:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.44		0.0050	0.00065	mg/L			05/26/22 10:55	5
Ethylbenzene	0.27		0.0050	0.0025	mg/L			05/26/22 10:55	5
Toluene	0.0021	U	0.0050	0.0021	mg/L			05/26/22 10:55	5
Xylenes, Total	0.99		0.050	0.0080	mg/L			05/26/22 10:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119					05/26/22 10:55	5
Dibromofluoromethane	112		75 - 126					05/26/22 10:55	5
Toluene-d8 (Surr)	92		64 - 132					05/26/22 10:55	5

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (72-119)	DBFM (75-126)	TOL (64-132)
400-220234-1	MW-2	93	110	92
400-220234-2	MW-4	92	110	93
400-220234-3	MW-6	93	112	91
400-220234-4	MW-8	92	113	90
400-220234-5	TRIP BLANK	91	111	91
400-220234-6	MW-9	89	112	91
400-220234-7	MW-11	91	114	90
400-220234-8	MW-12	91	114	93
400-220234-9	MW-13	90	115	91
400-220234-9 - DL	MW-13	91	110	92
400-220234-10	MW-14	92	114	94
400-220234-11	MW-15	92	115	87
400-220234-12	MW-16	93	111	92
400-220234-13	MW-18	93	116	91
400-220234-14	MW-19	93	110	93
400-220234-14 MS	MW-19	92	104	90
400-220234-14 MSD	MW-19	95	104	90
400-220234-15	MW-22	90	112	92
400-220234-16	MW-24	90	111	91
400-220234-17	MW-25	91	112	91
400-220234-18	MW-26	90	116	90
400-220234-18 MS	MW-26	92	105	91
400-220234-18 MSD	MW-26	95	103	91
400-220234-19	DUP-01	89	113	88
400-220234-20	DUP-02	92	112	92
LCS 400-578847/1002	Lab Control Sample	96	105	90
LCS 400-578998/1002	Lab Control Sample	92	108	88
MB 400-578847/4	Method Blank	93	109	92
MB 400-578998/4	Method Blank	92	111	89

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-2**Lab Sample ID: 400-220234-1****Date Collected: 05/19/22 07:20****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 14:08	BEP	TAL PEN

Client Sample ID: MW-4**Lab Sample ID: 400-220234-2****Date Collected: 05/19/22 07:30****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 14:34	BEP	TAL PEN

Client Sample ID: MW-6**Lab Sample ID: 400-220234-3****Date Collected: 05/19/22 07:00****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 15:00	BEP	TAL PEN

Client Sample ID: MW-8**Lab Sample ID: 400-220234-4****Date Collected: 05/19/22 08:15****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578998	05/26/22 08:49	WPD	TAL PEN

Client Sample ID: TRIP BLANK**Lab Sample ID: 400-220234-5****Date Collected: 05/19/22 06:50****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 13:42	BEP	TAL PEN

Client Sample ID: MW-9**Lab Sample ID: 400-220234-6****Date Collected: 05/19/22 07:50****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 15:52	BEP	TAL PEN

Client Sample ID: MW-11**Lab Sample ID: 400-220234-7****Date Collected: 05/19/22 09:30****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578998	05/26/22 09:15	WPD	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-12**Lab Sample ID: 400-220234-8****Date Collected: 05/19/22 09:10****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 16:45	BEP	TAL PEN

Client Sample ID: MW-13**Lab Sample ID: 400-220234-9****Date Collected: 05/19/22 09:00****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	578847	05/25/22 19:47	BEP	TAL PEN
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	578998	05/26/22 11:45	WPD	TAL PEN

Client Sample ID: MW-14**Lab Sample ID: 400-220234-10****Date Collected: 05/19/22 08:50****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 17:11	BEP	TAL PEN

Client Sample ID: MW-15**Lab Sample ID: 400-220234-11****Date Collected: 05/19/22 08:35****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	578998	05/26/22 10:30	WPD	TAL PEN

Client Sample ID: MW-16**Lab Sample ID: 400-220234-12****Date Collected: 05/19/22 08:00****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	578998	05/26/22 11:19	WPD	TAL PEN

Client Sample ID: MW-18**Lab Sample ID: 400-220234-13****Date Collected: 05/19/22 07:35****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 17:37	BEP	TAL PEN

Client Sample ID: MW-19**Lab Sample ID: 400-220234-14****Date Collected: 05/19/22 08:55****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 10:39	BEP	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: MW-22**Date Collected: 05/19/22 08:20****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-15****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	8260B		1	5 mL	5 mL	578847	05/25/22 18:03	BEP	TAL PEN

Client Sample ID: MW-24**Date Collected: 05/19/22 09:50****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-16****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	8260B		1	5 mL	5 mL	578847	05/25/22 18:29	BEP	TAL PEN

Client Sample ID: MW-25**Date Collected: 05/19/22 09:35****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-17****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	8260B		1	5 mL	5 mL	578847	05/25/22 18:55	BEP	TAL PEN

Client Sample ID: MW-26**Date Collected: 05/19/22 09:20****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-18****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	8260B		1	5 mL	5 mL	578998	05/26/22 09:39	WPD	TAL PEN

Client Sample ID: DUP-01**Date Collected: 05/19/22 08:50****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-19****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	8260B		1	5 mL	5 mL	578998	05/26/22 10:04	WPD	TAL PEN

Client Sample ID: DUP-02**Date Collected: 05/19/22 09:00****Date Received: 05/20/22 08:55****Lab Sample ID: 400-220234-20****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	8260B		5	5 mL	5 mL	578998	05/26/22 10:55	WPD	TAL PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-578847/4****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 10:13	BEP	TAL PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Client Sample ID: Method Blank**Lab Sample ID: MB 400-578998/4****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	8260B		1	5 mL	5 mL	578998	05/26/22 08:00	WPD	TAL PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-578847/1002****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	8260B		1	5 mL	5 mL	578847	05/25/22 09:12	BEP	TAL PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-578998/1002****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	8260B		1	5 mL	5 mL	578998	05/26/22 07:03	WPD	TAL PEN

Client Sample ID: MW-19**Lab Sample ID: 400-220234-14 MS****Date Collected: 05/19/22 08:55****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 11:57	BEP	TAL PEN

Client Sample ID: MW-19**Lab Sample ID: 400-220234-14 MSD****Date Collected: 05/19/22 08:55****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578847	05/25/22 12:23	BEP	TAL PEN

Client Sample ID: MW-26**Lab Sample ID: 400-220234-18 MS****Date Collected: 05/19/22 09:20****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578998	05/26/22 12:09	WPD	TAL PEN

Client Sample ID: MW-26**Lab Sample ID: 400-220234-18 MSD****Date Collected: 05/19/22 09:20****Matrix: Water****Date Received: 05/20/22 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	578998	05/26/22 12:34	WPD	TAL PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

GC/MS VOA

Analysis Batch: 578847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220234-1	MW-2	Total/NA	Water	8260B	
400-220234-2	MW-4	Total/NA	Water	8260B	
400-220234-3	MW-6	Total/NA	Water	8260B	
400-220234-5	TRIP BLANK	Total/NA	Water	8260B	
400-220234-6	MW-9	Total/NA	Water	8260B	
400-220234-8	MW-12	Total/NA	Water	8260B	
400-220234-9	MW-13	Total/NA	Water	8260B	
400-220234-10	MW-14	Total/NA	Water	8260B	
400-220234-13	MW-18	Total/NA	Water	8260B	
400-220234-14	MW-19	Total/NA	Water	8260B	
400-220234-15	MW-22	Total/NA	Water	8260B	
400-220234-16	MW-24	Total/NA	Water	8260B	
400-220234-17	MW-25	Total/NA	Water	8260B	
MB 400-578847/4	Method Blank	Total/NA	Water	8260B	
LCS 400-578847/1002	Lab Control Sample	Total/NA	Water	8260B	
400-220234-14 MS	MW-19	Total/NA	Water	8260B	
400-220234-14 MSD	MW-19	Total/NA	Water	8260B	

Analysis Batch: 578998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-220234-4	MW-8	Total/NA	Water	8260B	
400-220234-7	MW-11	Total/NA	Water	8260B	
400-220234-9 - DL	MW-13	Total/NA	Water	8260B	
400-220234-11	MW-15	Total/NA	Water	8260B	
400-220234-12	MW-16	Total/NA	Water	8260B	
400-220234-18	MW-26	Total/NA	Water	8260B	
400-220234-19	DUP-01	Total/NA	Water	8260B	
400-220234-20	DUP-02	Total/NA	Water	8260B	
MB 400-578998/4	Method Blank	Total/NA	Water	8260B	
LCS 400-578998/1002	Lab Control Sample	Total/NA	Water	8260B	
400-220234-18 MS	MW-26	Total/NA	Water	8260B	
400-220234-18 MSD	MW-26	Total/NA	Water	8260B	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-578847/4

Matrix: Water

Analysis Batch: 578847

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/25/22 10:13	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/25/22 10:13	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/25/22 10:13	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/25/22 10:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 119		05/25/22 10:13	1
Dibromofluoromethane	109		75 - 126		05/25/22 10:13	1
Toluene-d8 (Surr)	92		64 - 132		05/25/22 10:13	1

Lab Sample ID: LCS 400-578847/1002

Matrix: Water

Analysis Batch: 578847

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0467		mg/L		93	70 - 130
Ethylbenzene	0.0500	0.0447		mg/L		89	70 - 130
Toluene	0.0500	0.0444		mg/L		89	70 - 130
Xylenes, Total	0.100	0.0884		mg/L		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		72 - 119
Dibromofluoromethane	105		75 - 126
Toluene-d8 (Surr)	90		64 - 132

Lab Sample ID: 400-220234-14 MS

Matrix: Water

Analysis Batch: 578847

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	0.00013	U	0.0500	0.0430		mg/L		86	56 - 142
Ethylbenzene	0.00050	U	0.0500	0.0401		mg/L		80	58 - 131
Toluene	0.00041	U	0.0500	0.0407		mg/L		81	65 - 130
Xylenes, Total	0.0016	U	0.100	0.0789		mg/L		79	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	92		72 - 119
Dibromofluoromethane	104		75 - 126
Toluene-d8 (Surr)	90		64 - 132

Lab Sample ID: 400-220234-14 MSD

Matrix: Water

Analysis Batch: 578847

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	Limit
Benzene	0.00013	U	0.0500	0.0486		mg/L		97	56 - 142	12	30
Ethylbenzene	0.00050	U	0.0500	0.0467		mg/L		93	58 - 131	15	30
Toluene	0.00041	U	0.0500	0.0474		mg/L		95	65 - 130	15	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

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

Lab Sample ID: 400-220234-14 MSD

Matrix: Water

Analysis Batch: 578847

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
Xylenes, Total	0.0016	U	0.100	0.0943		mg/L		94	59 - 130	18	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	95		72 - 119								
Dibromofluoromethane	104		75 - 126								
Toluene-d8 (Surr)	90		64 - 132								

Lab Sample ID: MB 400-578998/4

Matrix: Water

Analysis Batch: 578998

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			05/26/22 08:00	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/26/22 08:00	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			05/26/22 08:00	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/26/22 08:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119					05/26/22 08:00	1
Dibromofluoromethane	111		75 - 126					05/26/22 08:00	1
Toluene-d8 (Surr)	89		64 - 132					05/26/22 08:00	1

Lab Sample ID: LCS 400-578998/1002

Matrix: Water

Analysis Batch: 578998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0439		mg/L		88	70 - 130
Ethylbenzene	0.0500	0.0405		mg/L		81	70 - 130
Toluene	0.0500	0.0410		mg/L		82	70 - 130
Xylenes, Total	0.100	0.0821		mg/L		82	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	92		72 - 119				
Dibromofluoromethane	108		75 - 126				
Toluene-d8 (Surr)	88		64 - 132				

Lab Sample ID: 400-220234-18 MS

Matrix: Water

Analysis Batch: 578998

Client Sample ID: MW-26

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00013	U	0.0500	0.0376		mg/L		75	56 - 142
Ethylbenzene	0.00050	U	0.0500	0.0355		mg/L		71	58 - 131
Toluene	0.00041	U	0.0500	0.0363		mg/L		73	65 - 130
Xylenes, Total	0.0016	U	0.100	0.0717		mg/L		72	59 - 130

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

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

Lab Sample ID: 400-220234-18 MS

Matrix: Water

Analysis Batch: 578998

Client Sample ID: MW-26

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	92		72 - 119
Dibromofluoromethane	105		75 - 126
Toluene-d8 (Surr)	91		64 - 132

Lab Sample ID: 400-220234-18 MSD

Matrix: Water

Analysis Batch: 578998

Client Sample ID: MW-26

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00013	U	0.0500	0.0419		mg/L		84	56 - 142	11	30
Ethylbenzene	0.00050	U	0.0500	0.0409		mg/L		82	58 - 131	14	30
Toluene	0.00041	U	0.0500	0.0417		mg/L		83	65 - 130	14	30
Xylenes, Total	0.0016	U	0.100	0.0823		mg/L		82	59 - 130	14	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	95		72 - 119
Dibromofluoromethane	103		75 - 126
Toluene-d8 (Surr)	91		64 - 132

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-220234-1

Login Number: 220234

List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record



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

Client Information		Sampler: <u>Sean Gardner + Sean Clay</u>		Lab PM: <u>Whitmore, Cheyenne R</u>	Carrier Tracking No(s):	COC No: <u>400-111384-39042.1</u>
Client Contact: <u>Steve Varsa</u>		Phone: <u>303 291 2239</u>		E-Mail: <u>Cheyenne.Whitmore@et.eurofins.com</u>	State of Origin:	Page: <u>1 of 2</u>
Company: <u>Stantec Consulting Services Inc</u>		PWSID:		Job #:		
Address: <u>11311 Aurora Avenue</u>		Due Date Requested:		Analysis Requested		
City: <u>Des Moines</u>		TAT Requested (days): <u>See ARF</u>		Preservation Codes:		
State, Zip: <u>IA, 50322-7904</u>		Compliance Project: <u>Yes</u> <u>No</u>		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Phone: <u>WD1040014</u>		PO #:		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 Z - other (specify)		
Email: <u>steve.varsa@stantec.com</u>		WO #:		Other:		
Project Name: <u>San Juan River Plant RWIP</u>		Project #:		Special Instructions/Note:		
Site: <u>San Juan River Plant</u>		40012762		Total Number of containers		
SSOW#:		Sample Date		Sample Time		Field Filtered Sample (Yes or No)
Sample Identification		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=sewage, BT=Tissue, Anal)		8260B - BTEX 8260
MW-2		G		Water		2
MW-4		G		Water		2
MW-6		G		Water		2
MW-8		G		Water		2
Trip Blank		G		Water		2
MW-9		G		Water		2
MW-11		G		Water		2
MW-12		G		Water		2
MW-13		G		Water		2
MW-14		G		Water		2
MW-15		G		Water		2
Possible Hazard Identification		Preservation Code		Special Instructions/Note		
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						
Deliverable Requested: I, II, III, IV, Other (specify)						
Empty Kit Relinquished by:		Date:		Time:		
Relinquished by: <u>Sean Gardner</u>		Date/Time: <u>5/19/2022 1330</u>		Company: <u>stantec</u>		
Relinquished by:		Date/Time:		Company:		
Relinquished by:		Date/Time:		Company:		
Custody Seals Intact: <u>Yes</u> <u>No</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>2.7°C - RB</u>		

Environment Testing
America

Chain of Custody Record

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

Client Information		Sampler: <u>Stacy Gardner & Sean Clary</u>		Lab PM: <u>Whitmore, Cheyenne R</u>		Carrier Tracking No(s): <u>400-111384-39042.2</u>		
Client Contact: <u>Steve Varsa</u>		Phone: <u>303 291 2239</u>		E-Mail: <u>Cheyenne.Whitmore@et.eurofins.com</u>		State of Origin: <u>2 of 2</u>		
Company: <u>Stantec Consulting Services Inc</u>		PWSID: <u>WD1040014</u>		Job #:		Page: <u>2 of 2</u>		
Address: <u>11311 Aurora Avenue</u>		Due Date Requested: <u>See Ref</u>		Analysis Requested		Preservation Codes:		
City: <u>Des Moines</u>		TAT Requested (days): <u>See Ref</u>				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: <u>W - pH 4-5</u> Z - other (specify)		
State, Zip: <u>IA, 50322-7904</u>		Compliance Project: <u>Δ Yes Δ No</u>						
Phone: <u>WD1040014</u>		PO #:						
Email: <u>steve.varsa@stantec.com</u>		WO #:						
Project Name: <u>San Juan River Plant RWIP</u>		ERG-STN-05-06-22-SAH-17						
San Juan River Plant RWIP		Project #:						
Site: <u>San Juan River Plant</u>		40012762						
		SSOW#:						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	8260B - BTEX 8260	Total Number of Containers	Special Instructions/Note:
MW-16	5/19/2022	800	G	Water			2	
MW-18	5/19/2022	735	G	Water			2	
MW-19	5/19/2022	855	G	Water			6	
MW-22	5/19/2022	820	G	Water			2	
MW-24	5/19/2022	950	G	Water			2	
MW-25	5/19/2022	935	G	Water			2	
MW-26	5/19/2022	920	G	Water			6	
DUP-01	5/19/2022	850	G	Water			2	
DUP-02	5/19/2022	900	G	Water			2	
				Water				
				Water				
				Water				
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)								
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: _____ Method of Shipment: _____								
Relinquished by: <u>Sam Varsa</u> Date/Time: <u>5/19/2022 1330</u> Company: <u>Stantec</u>								
Relinquished by: _____ Date/Time: _____ Company: _____								
Relinquished by: _____ Date/Time: _____ Company: _____								
Custody Seals Intact: <u>Δ Yes Δ No</u> Cooler Temperature(s) °C and Other Remarks: <u>2.7°C</u>								

Ver: 06/08/2021

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-220234-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
Kansas	NELAP	E-10253	10-31-22
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-22
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
West Virginia DEP	State	136	05-31-22

Eurofins Pensacola



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/18/2022 12:16:00 PM

JOB DESCRIPTION

San Juan River Plant RWIP

JOB NUMBER

400-228120-1

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Laboratory Job ID: 400-228120-1

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	5
Method Summary	11
Sample Summary	12
Client Sample Results	13
Definitions	30
Surrogate Summary	32
Chronicle	33
QC Association	51
QC Sample Results	58
Receipt Checklists	73
Chain of Custody	74
Certification Summary	76
Appendix	77

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Job ID: 400-228120-1**Laboratory: Eurofins Pensacola****Narrative****Job Narrative
400-228120-1****Comments**

No additional comments.

Receipt

The samples were received on 11/1/2022 9:09 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.0° C, 0.0° C and 0.3° C.

GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13 (400-228120-9), MW-17 (400-228120-12) and MW-28 (400-228120-16). 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.

HPLC/IC

Method 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-598766 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2 (400-228120-2), MW-4 (400-228120-3), MW-6 (400-228120-4), MW-6 (400-228120-4[MS]), MW-6 (400-228120-4[MSD]), MW-8 (400-228120-5), MW-9 (400-228120-6), MW-11 (400-228120-7), MW-12 (400-228120-8), MW-13 (400-228120-9), MW-14 (400-228120-10), MW-15 (400-228120-11), MW-18 (400-228120-13), MW-27 (400-228120-15), MW-28 (400-228120-16) and DUP-01 (400-228120-17). Elevated reporting limits (RLs) are provided.

Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-599093 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-598859 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-598859 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 400-598859 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method 300.0: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-599617 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-599766 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-598767 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300.0: The following samples were received outside of holding time: MW-6 (400-228120-4), MW-6 (400-228120-4[MS]) and MW-6 (400-228120-4[MSD]).

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Job ID: 400-228120-1 (Continued)

Laboratory: Eurofins Pensacola (Continued)

Method 300.0: The following continuing calibration blank (CCB) contained Nitrate as N above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. (CCB 400-598860/16) and (CCB 400-598860/4)

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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

VOA Prep

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: TB-01

Lab Sample ID: 400-228120-1

No Detections.

Client Sample ID: MW-2

Lab Sample ID: 400-228120-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	510		50	6.0	mg/L	50		300.0	Total/NA
Nitrate as N	13		0.20	0.13	mg/L	2		300.0	Total/NA
Nitrate Nitrite as N	13		0.20	0.13	mg/L	2		300.0	Total/NA
Sulfate	6400		250	93	mg/L	250		300.0	Total/NA
Arsenic	0.0052	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Barium	0.010		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.62		0.10	0.022	mg/L	1		6010B	Dissolved
Cobalt	0.0039	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Copper	0.021		0.020	0.017	mg/L	1		6010B	Dissolved
Lead	0.012		0.010	0.0020	mg/L	1		6010B	Dissolved
Manganese	0.0070	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Molybdenum	0.024	J	0.10	0.0040	mg/L	1		6010B	Dissolved
Nickel	0.0040	J	0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.048		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.011	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	250		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	4300		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 400-228120-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	830		50	6.0	mg/L	50		300.0	Total/NA
Nitrate as N	4.1		0.20	0.13	mg/L	2		300.0	Total/NA
Nitrate Nitrite as N	4.1		0.20	0.13	mg/L	2		300.0	Total/NA
Sulfate	2400		500	190	mg/L	500		300.0	Total/NA
Barium	0.0073	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.77		0.10	0.022	mg/L	1		6010B	Dissolved
Cobalt	0.066		0.010	0.0030	mg/L	1		6010B	Dissolved
Copper	0.018	J	0.020	0.017	mg/L	1		6010B	Dissolved
Iron	0.92		0.20	0.075	mg/L	1		6010B	Dissolved
Lead	0.017		0.010	0.0020	mg/L	1		6010B	Dissolved
Manganese	4.5		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.13		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.010	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.020		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	720		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	4700		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	620	F1 F2	200	24	mg/L	200		300.0	Total/NA
Nitrate as N	43		0.50	0.32	mg/L	5		300.0	Total/NA
Nitrate Nitrite as N	43		0.50	0.32	mg/L	5		300.0	Total/NA
Sulfate	9300		500	190	mg/L	500		300.0	Total/NA
Aluminum	14	F1	0.20	0.051	mg/L	1		6010B	Dissolved
Barium	0.0068	J F1 F2	0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.78	F1	0.10	0.022	mg/L	1		6010B	Dissolved
Cadmium	0.010		0.0050	0.0020	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-6 (Continued)

Lab Sample ID: 400-228120-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.24		0.010	0.0030	mg/L	1		6010B	Dissolved
Copper	0.049		0.020	0.017	mg/L	1		6010B	Dissolved
Iron	0.12	J	0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	7.8	F2	0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.30		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.25		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.58	F1	0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	6.0		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	14000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 400-228120-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	720		100	12	mg/L	100		300.0	Total/NA
Sulfate	4900		200	74	mg/L	200		300.0	Total/NA
Barium	0.027		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.36		0.10	0.022	mg/L	1		6010B	Dissolved
Chromium	0.015		0.010	0.0050	mg/L	1		6010B	Dissolved
Iron	1.1		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	0.35		0.010	0.0030	mg/L	1		6010B	Dissolved
Molybdenum	0.074	J	0.10	0.0040	mg/L	1		6010B	Dissolved
Selenium	0.066		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	3300		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	12000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 400-228120-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.056		0.0010	0.00013	mg/L	1		8260B	Total/NA
Ethylbenzene	0.031		0.0010	0.00050	mg/L	1		8260B	Total/NA
Xylenes, Total	0.0046	J	0.010	0.0016	mg/L	1		8260B	Total/NA
Chloride	330		10	1.2	mg/L	10		300.0	Total/NA
Sulfate	11000		400	150	mg/L	400		300.0	Total/NA
Aluminum	8.2		0.20	0.051	mg/L	1		6010B	Dissolved
Barium	0.010		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.74		0.10	0.022	mg/L	1		6010B	Dissolved
Cadmium	0.0039	J	0.0050	0.0020	mg/L	1		6010B	Dissolved
Cobalt	0.25		0.010	0.0030	mg/L	1		6010B	Dissolved
Copper	0.044		0.020	0.017	mg/L	1		6010B	Dissolved
Iron	27		0.20	0.075	mg/L	1		6010B	Dissolved
Lead	0.0049	J	0.010	0.0020	mg/L	1		6010B	Dissolved
Manganese	8.1		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.34		0.0060	0.0030	mg/L	1		6010B	Dissolved
Zinc	0.83		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	21		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	16000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 400-228120-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	560		50	6.0	mg/L	50		300.0	Total/NA
Sulfate - DL	8700		500	190	mg/L	500		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-11 (Continued)

Lab Sample ID: 400-228120-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.012		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.38		0.10	0.022	mg/L	1		6010B	Dissolved
Iron	0.28		0.20	0.075	mg/L	1		6010B	Dissolved
Lead	0.0046	J	0.010	0.0020	mg/L	1		6010B	Dissolved
Manganese	2.7		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.016		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.0092	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.037		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	650		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6900		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 400-228120-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	830		50	6.0	mg/L	50		300.0	Total/NA
Sulfate - DL	8800		500	190	mg/L	500		300.0	Total/NA
Barium	0.011		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.38		0.10	0.022	mg/L	1		6010B	Dissolved
Cobalt	0.026		0.010	0.0030	mg/L	1		6010B	Dissolved
Iron	0.13	J	0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	5.4		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.013		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.012	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.056		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	740		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6600		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 400-228120-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.0		0.0050	0.00065	mg/L	5		8260B	Total/NA
Ethylbenzene	0.018		0.0050	0.0025	mg/L	5		8260B	Total/NA
Chloride	600		100	12	mg/L	100		300.0	Total/NA
Sulfate	5100		200	74	mg/L	200		300.0	Total/NA
Barium	0.018		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.35		0.10	0.022	mg/L	1		6010B	Dissolved
Iron	0.19	J	0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	2.4		0.010	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.073		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.0085	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	2100		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1000		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 400-228120-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	220		5.0	0.60	mg/L	5		300.0	Total/NA
Sulfate - DL	8700		400	150	mg/L	400		300.0	Total/NA
Barium	0.0098	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.75		0.10	0.022	mg/L	1		6010B	Dissolved
Iron	0.23		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	12		0.010	0.0030	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-14 (Continued)

Lab Sample ID: 400-228120-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.032		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.038		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.037		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	640		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	13000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 400-228120-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.015		0.0010	0.00013	mg/L	1		8260B	Total/NA
Ethylbenzene	0.010		0.0010	0.00050	mg/L	1		8260B	Total/NA
Chloride	2500		200	24	mg/L	200		300.0	Total/NA
Sulfate	10000		400	150	mg/L	400		300.0	Total/NA
Barium	0.0096	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.79		0.10	0.022	mg/L	1		6010B	Dissolved
Iron	6.7		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	4.6		0.010	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.026		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.013	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	1600		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	22000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 400-228120-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		0.025	0.0033	mg/L	25		8260B	Total/NA
Toluene	3.0		0.025	0.010	mg/L	25		8260B	Total/NA
Xylenes, Total	3.3		0.25	0.040	mg/L	25		8260B	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 400-228120-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00037	J	0.0010	0.00013	mg/L	1		8260B	Total/NA
Chloride	380		10	1.2	mg/L	10		300.0	Total/NA
Sulfate	13000		400	150	mg/L	400		300.0	Total/NA
Aluminum	0.43		0.20	0.051	mg/L	1		6010B	Dissolved
Barium	0.011		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.99		0.10	0.022	mg/L	1		6010B	Dissolved
Cobalt	0.13		0.010	0.0030	mg/L	1		6010B	Dissolved
Iron	6.8		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	13		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.27		0.0060	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.015	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.16		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	130		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	20000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-22

Lab Sample ID: 400-228120-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-27

Lab Sample ID: 400-228120-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	870		200	24	mg/L	200		300.0	Total/NA
Sulfate	7500		200	74	mg/L	200		300.0	Total/NA
Barium	0.022		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.73		0.10	0.022	mg/L	1		6010B	Dissolved
Cobalt	0.0056	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Iron	3.5		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	0.76		0.010	0.0030	mg/L	1		6010B	Dissolved
Molybdenum	0.087	J	0.10	0.0040	mg/L	1		6010B	Dissolved
Nickel	0.0042	J	0.0060	0.0030	mg/L	1		6010B	Dissolved
Zinc	0.024		0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	620		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	14000		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-28

Lab Sample ID: 400-228120-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.9		0.050	0.0065	mg/L	50		8260B	Total/NA
Toluene	12		0.050	0.021	mg/L	50		8260B	Total/NA
Ethylbenzene	0.35		0.050	0.025	mg/L	50		8260B	Total/NA
Xylenes, Total	8.5		0.50	0.080	mg/L	50		8260B	Total/NA
Chloride	880		100	12	mg/L	100		300.0	Total/NA
Sulfate	4200		100	37	mg/L	100		300.0	Total/NA
Arsenic	0.0054	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Barium	0.032		0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.85		0.10	0.022	mg/L	1		6010B	Dissolved
Iron	0.49		0.20	0.075	mg/L	1		6010B	Dissolved
Lead	0.0022	J	0.010	0.0020	mg/L	1		6010B	Dissolved
Manganese	0.61		0.010	0.0030	mg/L	1		6010B	Dissolved
Selenium	0.029		0.020	0.0080	mg/L	1		6010B	Dissolved
Zinc	0.012	J	0.020	0.0080	mg/L	1		6010B	Dissolved
Alkalinity, Total	1500		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9600		50	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-01

Lab Sample ID: 400-228120-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.053		0.0010	0.00013	mg/L	1		8260B	Total/NA
Ethylbenzene	0.026		0.0010	0.00050	mg/L	1		8260B	Total/NA
Xylenes, Total	0.0036	J	0.010	0.0016	mg/L	1		8260B	Total/NA
Chloride	330		10	1.2	mg/L	10		300.0	Total/NA
Sulfate	9900		200	74	mg/L	200		300.0	Total/NA
Aluminum	6.9		0.20	0.051	mg/L	1		6010B	Dissolved
Arsenic	0.0045	J	0.010	0.0030	mg/L	1		6010B	Dissolved
Barium	0.014	F2 F1 B	0.010	0.0030	mg/L	1		6010B	Dissolved
Boron	0.74		0.10	0.022	mg/L	1		6010B	Dissolved
Cadmium	0.0043	J	0.0050	0.0020	mg/L	1		6010B	Dissolved
Cobalt	0.25		0.010	0.0030	mg/L	1		6010B	Dissolved
Copper	0.030		0.020	0.017	mg/L	1		6010B	Dissolved
Iron	29		0.20	0.075	mg/L	1		6010B	Dissolved
Manganese	8.4		0.010	0.0030	mg/L	1		6010B	Dissolved
Nickel	0.34		0.0060	0.0030	mg/L	1		6010B	Dissolved
Zinc	0.95		0.020	0.0080	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: DUP-01 (Continued)

Lab Sample ID: 400-228120-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Alkalinity, Total	22		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	17000		50	50	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET PEN
300.0	Anions, Ion Chromatography	MCAWW	EET PEN
6010B	Metals (ICP)	SW846	EET PEN
7470A	Mercury (CVAA)	SW846	EET PEN
SM 2320B	Alkalinity	SM	EET PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PEN
5030B	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

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

Eurofins Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-228120-1	TB-01	Water	10/31/22 06:00	11/01/22 09:09
400-228120-2	MW-2	Water	10/31/22 07:45	11/01/22 09:09
400-228120-3	MW-4	Water	10/31/22 08:12	11/01/22 09:09
400-228120-4	MW-6	Water	10/31/22 08:49	11/01/22 09:09
400-228120-5	MW-8	Water	10/31/22 09:45	11/01/22 09:09
400-228120-6	MW-9	Water	10/31/22 10:15	11/01/22 09:09
400-228120-7	MW-11	Water	10/31/22 13:11	11/01/22 09:09
400-228120-8	MW-12	Water	10/31/22 12:46	11/01/22 09:09
400-228120-9	MW-13	Water	10/31/22 12:28	11/01/22 09:09
400-228120-10	MW-14	Water	10/31/22 12:00	11/01/22 09:09
400-228120-11	MW-15	Water	10/31/22 11:40	11/01/22 09:09
400-228120-12	MW-17	Water	10/31/22 11:10	11/01/22 09:09
400-228120-13	MW-18	Water	10/31/22 10:50	11/01/22 09:09
400-228120-14	MW-22	Water	10/31/22 11:27	11/01/22 09:09
400-228120-15	MW-27	Water	10/31/22 13:26	11/01/22 09:09
400-228120-16	MW-28	Water	10/31/22 13:48	11/01/22 09:09
400-228120-17	DUP-01	Water	10/31/22 12:00	11/01/22 09:09

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: TB-01

Lab Sample ID: 400-228120-1

Date Collected: 10/31/22 06:00

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 09:58	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 09:58	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 09:58	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 09:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119		11/05/22 09:58	1
Dibromofluoromethane	86		75 - 126		11/05/22 09:58	1
Toluene-d8 (Surr)	99		64 - 132		11/05/22 09:58	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-2

Lab Sample ID: 400-228120-2

Date Collected: 10/31/22 07:45

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 10:52	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 10:52	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 10:52	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 10:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119					11/05/22 10:52	1
Dibromofluoromethane	87		75 - 126					11/05/22 10:52	1
Toluene-d8 (Surr)	99		64 - 132					11/05/22 10:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		50	6.0	mg/L			11/02/22 13:43	50
Nitrate as N	13		0.20	0.13	mg/L			11/01/22 21:54	2
Nitrate Nitrite as N	13		0.20	0.13	mg/L			11/01/22 21:54	2
Sulfate	6400		250	93	mg/L			11/04/22 06:12	250
Nitrite as N	0.17	U	0.20	0.17	mg/L			11/01/22 21:54	2

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 08:07	1
Arsenic	0.0052	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:07	1
Barium	0.010		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:07	1
Boron	0.62		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 08:07	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 08:07	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 08:07	1
Cobalt	0.0039	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:07	1
Copper	0.021		0.020	0.017	mg/L		11/02/22 17:42	11/03/22 08:07	1
Iron	0.075	U	0.20	0.075	mg/L		11/02/22 17:42	11/03/22 08:07	1
Lead	0.012		0.010	0.0020	mg/L		11/02/22 17:42	11/03/22 08:07	1
Manganese	0.0070	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:07	1
Molybdenum	0.024	J	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 08:07	1
Nickel	0.0040	J	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 08:07	1
Selenium	0.048		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:07	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 08:07	1
Zinc	0.011	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:07	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	250		1.0	0.50	mg/L			11/02/22 15:41	1
Total Dissolved Solids (SM 2540C)	4300		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-4

Lab Sample ID: 400-228120-3

Date Collected: 10/31/22 08:12

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 11:18	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 11:18	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 11:18	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 119					11/05/22 11:18	1
Dibromofluoromethane	86		75 - 126					11/05/22 11:18	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 11:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		50	6.0	mg/L			11/02/22 14:04	50
Nitrate as N	4.1		0.20	0.13	mg/L			11/01/22 22:17	2
Nitrate Nitrite as N	4.1		0.20	0.13	mg/L			11/01/22 22:17	2
Sulfate	2400		500	190	mg/L			11/08/22 06:14	500
Nitrite as N	0.17	U	0.20	0.17	mg/L			11/01/22 22:17	2

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 08:11	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:11	1
Barium	0.0073	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:11	1
Boron	0.77		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 08:11	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 08:11	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 08:11	1
Cobalt	0.066		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:11	1
Copper	0.018	J	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 08:11	1
Iron	0.92		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 08:11	1
Lead	0.017		0.010	0.0020	mg/L		11/02/22 17:42	11/03/22 08:11	1
Manganese	4.5		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:11	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 08:11	1
Nickel	0.13		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 08:11	1
Selenium	0.010	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:11	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 08:11	1
Zinc	0.020		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	720		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	4700		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 10:25	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 10:25	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 10:25	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 10:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119					11/05/22 10:25	1
Dibromofluoromethane	87		75 - 126					11/05/22 10:25	1
Toluene-d8 (Surr)	97		64 - 132					11/05/22 10:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620	F1 F2	200	24	mg/L			11/02/22 12:40	200
Nitrate as N	43		0.50	0.32	mg/L			11/01/22 18:29	5
Nitrate Nitrite as N	43		0.50	0.32	mg/L			11/01/22 18:29	5
Sulfate	9300		500	190	mg/L			11/04/22 02:24	500
Nitrite as N	0.42	U F1	0.50	0.42	mg/L			11/01/22 18:29	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14	F1	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 08:52	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:52	1
Barium	0.0068	J F1 F2	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:52	1
Boron	0.78	F1	0.10	0.022	mg/L		11/02/22 17:42	11/03/22 08:52	1
Cadmium	0.010		0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 08:52	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 08:52	1
Cobalt	0.24		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:52	1
Copper	0.049		0.020	0.017	mg/L		11/02/22 17:42	11/03/22 20:44	1
Iron	0.12	J	0.20	0.075	mg/L		11/02/22 17:42	11/03/22 08:52	1
Lead	0.0020	U F1 F2	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 00:35	1
Manganese	7.8	F2	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 08:52	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 08:52	1
Nickel	0.30		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 08:52	1
Selenium	0.25		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:52	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 08:52	1
Zinc	0.58	F1	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 08:52	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	6.0		1.0	0.50	mg/L			11/07/22 15:49	1
Total Dissolved Solids (SM 2540C)	14000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-8

Lab Sample ID: 400-228120-5

Date Collected: 10/31/22 09:45

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 14:38	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 14:38	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 14:38	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119					11/05/22 14:38	1
Dibromofluoromethane	87		75 - 126					11/05/22 14:38	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 14:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		100	12	mg/L			11/02/22 14:24	100
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/01/22 22:40	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/01/22 22:40	10
Sulfate	4900		200	74	mg/L			11/04/22 06:35	200
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/01/22 22:40	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:11	1
Arsenic	0.030	U	0.10	0.030	mg/L		11/02/22 17:42	11/03/22 13:13	10
Barium	0.027		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:11	1
Boron	0.36		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:11	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:11	1
Chromium	0.015		0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:11	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:11	1
Copper	0.17	U	0.20	0.17	mg/L		11/02/22 17:42	11/03/22 20:55	10
Iron	1.1		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:11	1
Lead	0.020	U	0.10	0.020	mg/L		11/02/22 17:42	11/05/22 00:51	10
Manganese	0.35		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:11	1
Molybdenum	0.074	J	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:11	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:11	1
Selenium	0.066		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:11	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:11	1
Zinc	0.0080	U	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	3300		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	12000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-9

Lab Sample ID: 400-228120-6

Date Collected: 10/31/22 10:15

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.056		0.0010	0.00013	mg/L			11/05/22 15:05	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 15:05	1
Ethylbenzene	0.031		0.0010	0.00050	mg/L			11/05/22 15:05	1
Xylenes, Total	0.0046	J	0.010	0.0016	mg/L			11/05/22 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119					11/05/22 15:05	1
Dibromofluoromethane	89		75 - 126					11/05/22 15:05	1
Toluene-d8 (Surr)	96		64 - 132					11/05/22 15:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		10	1.2	mg/L			11/01/22 23:02	10
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/01/22 23:02	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/01/22 23:02	10
Sulfate	11000		400	150	mg/L			11/04/22 07:20	400
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/01/22 23:02	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8.2		0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:16	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:16	1
Barium	0.010		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:16	1
Boron	0.74		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:16	1
Cadmium	0.0039	J	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:16	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:16	1
Cobalt	0.25		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:16	1
Copper	0.044		0.020	0.017	mg/L		11/02/22 17:42	11/03/22 20:59	1
Iron	27		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:16	1
Lead	0.0049	J	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 00:56	1
Manganese	8.1		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:16	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:16	1
Nickel	0.34		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:16	1
Selenium	0.0080	U	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:16	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:16	1
Zinc	0.83		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:16	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	21		1.0	0.50	mg/L			11/07/22 15:49	1
Total Dissolved Solids (SM 2540C)	16000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-11

Lab Sample ID: 400-228120-7

Date Collected: 10/31/22 13:11

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 15:47	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 15:47	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 15:47	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 15:47	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		72 - 119					11/05/22 15:47	1
Dibromofluoromethane	85		75 - 126					11/05/22 15:47	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 15:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		50	6.0	mg/L			11/02/22 15:48	50
Nitrate as N	0.13	U	0.20	0.13	mg/L			11/01/22 23:25	2
Nitrate Nitrite as N	0.13	U	0.20	0.13	mg/L			11/01/22 23:25	2
Nitrite as N	0.17	U	0.20	0.17	mg/L			11/01/22 23:25	2

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8700		500	190	mg/L			11/03/22 16:08	500

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:19	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:19	1
Barium	0.012		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:19	1
Boron	0.38		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:19	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:19	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:19	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:19	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:11	1
Iron	0.28		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:19	1
Lead	0.0046	J	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:01	1
Manganese	2.7		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:19	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:19	1
Nickel	0.016		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:19	1
Selenium	0.0092	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:19	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:19	1
Zinc	0.037		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:19	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	650		1.0	0.50	mg/L			11/09/22 08:28	1
Total Dissolved Solids (SM 2540C)	6900		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-12

Lab Sample ID: 400-228120-8

Date Collected: 10/31/22 12:46

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 16:15	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 16:15	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 16:15	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 16:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119					11/05/22 16:15	1
Dibromofluoromethane	86		75 - 126					11/05/22 16:15	1
Toluene-d8 (Surr)	97		64 - 132					11/05/22 16:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		50	6.0	mg/L			11/02/22 16:08	50
Nitrate as N	0.13	U	0.20	0.13	mg/L			11/01/22 23:48	2
Nitrate Nitrite as N	0.13	U	0.20	0.13	mg/L			11/01/22 23:48	2
Nitrite as N	0.17	U	0.20	0.17	mg/L			11/01/22 23:48	2

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8800		500	190	mg/L			11/03/22 16:31	500

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:23	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:23	1
Barium	0.011		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:23	1
Boron	0.38		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:23	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:23	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:23	1
Cobalt	0.026		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:23	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:15	1
Iron	0.13	J	0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:23	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:17	1
Manganese	5.4		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:23	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:23	1
Nickel	0.013		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:23	1
Selenium	0.012	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:23	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:23	1
Zinc	0.056		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:23	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	740		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	6600		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-13

Lab Sample ID: 400-228120-9

Date Collected: 10/31/22 12:28

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0		0.0050	0.00065	mg/L			11/05/22 11:45	5
Toluene	0.0021	U	0.0050	0.0021	mg/L			11/05/22 11:45	5
Ethylbenzene	0.018		0.0050	0.0025	mg/L			11/05/22 11:45	5
Xylenes, Total	0.0080	U	0.050	0.0080	mg/L			11/05/22 11:45	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119					11/05/22 11:45	5
Dibromofluoromethane	85		75 - 126					11/05/22 11:45	5
Toluene-d8 (Surr)	98		64 - 132					11/05/22 11:45	5

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		100	12	mg/L			11/02/22 16:29	100
Nitrate as N	0.32	U	0.50	0.32	mg/L			11/02/22 00:34	5
Nitrate Nitrite as N	0.32	U	0.50	0.32	mg/L			11/02/22 00:34	5
Sulfate	5100		200	74	mg/L			11/04/22 06:57	200
Nitrite as N	0.42	U	0.50	0.42	mg/L			11/02/22 00:34	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:27	1
Arsenic	0.030	U	0.10	0.030	mg/L		11/02/22 17:42	11/03/22 13:25	10
Barium	0.018		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:27	1
Boron	0.35		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:27	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:27	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:27	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:27	1
Copper	0.17	U	0.20	0.17	mg/L		11/02/22 17:42	11/03/22 21:19	10
Iron	0.19	J	0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:27	1
Lead	0.020	U	0.10	0.020	mg/L		11/02/22 17:42	11/05/22 01:22	10
Manganese	2.4		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:27	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:27	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:27	1
Selenium	0.073		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:27	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:27	1
Zinc	0.0085	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:27	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	2100		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	1000		5.0	5.0	mg/L			11/04/22 13:18	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-14

Lab Sample ID: 400-228120-10

Date Collected: 10/31/22 12:00

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 16:43	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 16:43	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 16:43	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 119					11/05/22 16:43	1
Dibromofluoromethane	87		75 - 126					11/05/22 16:43	1
Toluene-d8 (Surr)	95		64 - 132					11/05/22 16:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		5.0	0.60	mg/L			11/02/22 00:56	5
Nitrate as N	0.32	U	0.50	0.32	mg/L			11/02/22 00:56	5
Nitrate Nitrite as N	0.32	U	0.50	0.32	mg/L			11/02/22 00:56	5
Nitrite as N	0.42	U	0.50	0.42	mg/L			11/02/22 00:56	5

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8700		400	150	mg/L			11/03/22 16:54	400

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:53	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:53	1
Barium	0.0098	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:53	1
Boron	0.75		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:53	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:53	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:53	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:53	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:23	1
Iron	0.23		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:53	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:28	1
Manganese	12		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:53	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:53	1
Nickel	0.032		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:53	1
Selenium	0.038		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:53	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:53	1
Zinc	0.037		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:53	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	640		1.0	0.50	mg/L			11/09/22 08:28	1
Total Dissolved Solids (SM 2540C)	13000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-15

Lab Sample ID: 400-228120-11

Date Collected: 10/31/22 11:40

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.015		0.0010	0.00013	mg/L			11/05/22 17:09	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 17:09	1
Ethylbenzene	0.010		0.0010	0.00050	mg/L			11/05/22 17:09	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119					11/05/22 17:09	1
Dibromofluoromethane	87		75 - 126					11/05/22 17:09	1
Toluene-d8 (Surr)	95		64 - 132					11/05/22 17:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		200	24	mg/L			11/02/22 17:11	200
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/02/22 01:19	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/02/22 01:19	10
Sulfate	10000		400	150	mg/L			11/04/22 08:29	400
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/02/22 01:19	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 09:57	1
Arsenic	0.030	U	0.10	0.030	mg/L		11/02/22 17:42	11/03/22 13:29	10
Barium	0.0096	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:57	1
Boron	0.79		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 09:57	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 09:57	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 09:57	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:57	1
Copper	0.17	U	0.20	0.17	mg/L		11/02/22 17:42	11/03/22 21:27	10
Iron	6.7		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 09:57	1
Lead	0.020	U	0.10	0.020	mg/L		11/02/22 17:42	11/05/22 01:34	10
Manganese	4.6		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 09:57	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 09:57	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 09:57	1
Selenium	0.026		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:57	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 09:57	1
Zinc	0.013	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 09:57	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	1600		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	22000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-17

Lab Sample ID: 400-228120-12

Date Collected: 10/31/22 11:10

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.1		0.025	0.0033	mg/L			11/05/22 12:14	25
Toluene	3.0		0.025	0.010	mg/L			11/05/22 12:14	25
Ethylbenzene	0.013	U	0.025	0.013	mg/L			11/05/22 12:14	25
Xylenes, Total	3.3		0.25	0.040	mg/L			11/05/22 12:14	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119					11/05/22 12:14	25
Dibromofluoromethane	84		75 - 126					11/05/22 12:14	25
Toluene-d8 (Surr)	98		64 - 132					11/05/22 12:14	25

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-18

Lab Sample ID: 400-228120-13

Date Collected: 10/31/22 10:50

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00037	J	0.0010	0.00013	mg/L			11/05/22 17:34	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 17:34	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 17:34	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 119					11/05/22 17:34	1
Dibromofluoromethane	87		75 - 126					11/05/22 17:34	1
Toluene-d8 (Surr)	97		64 - 132					11/05/22 17:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		10	1.2	mg/L			11/02/22 02:28	10
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/02/22 02:28	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/02/22 02:28	10
Sulfate	13000		400	150	mg/L			11/09/22 04:41	400
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/02/22 02:28	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.43		0.20	0.051	mg/L		11/02/22 17:42	11/03/22 10:01	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:01	1
Barium	0.011		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:01	1
Boron	0.99		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 10:01	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 10:01	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 10:01	1
Cobalt	0.13		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:01	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:31	1
Iron	6.8		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 10:01	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:39	1
Manganese	13		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:01	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 10:01	1
Nickel	0.27		0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 10:01	1
Selenium	0.015	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:01	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 10:01	1
Zinc	0.16		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:01	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	130		1.0	0.50	mg/L			11/07/22 15:49	1
Total Dissolved Solids (SM 2540C)	20000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-22

Lab Sample ID: 400-228120-14

Date Collected: 10/31/22 11:27

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 18:02	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 18:02	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 18:02	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 119					11/05/22 18:02	1
Dibromofluoromethane	87		75 - 126					11/05/22 18:02	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 18:02	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-27

Lab Sample ID: 400-228120-15

Date Collected: 10/31/22 13:26

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 18:29	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 18:29	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 18:29	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 119					11/05/22 18:29	1
Dibromofluoromethane	89		75 - 126					11/05/22 18:29	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 18:29	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	870		200	24	mg/L			11/08/22 07:00	200
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/02/22 02:50	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/02/22 02:50	10
Sulfate	7500		200	74	mg/L			11/08/22 07:00	200
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/02/22 02:50	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 10:05	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:05	1
Barium	0.022		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:05	1
Boron	0.73		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 10:05	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 10:05	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 10:05	1
Cobalt	0.0056	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:05	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:34	1
Iron	3.5		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 10:05	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:44	1
Manganese	0.76		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:05	1
Molybdenum	0.087	J	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 10:05	1
Nickel	0.0042	J	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 10:05	1
Selenium	0.0080	U	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:05	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 10:05	1
Zinc	0.024		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:05	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	620		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	14000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-28

Lab Sample ID: 400-228120-16

Date Collected: 10/31/22 13:48

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.9		0.050	0.0065	mg/L			11/05/22 12:41	50
Toluene	12		0.050	0.021	mg/L			11/05/22 12:41	50
Ethylbenzene	0.35		0.050	0.025	mg/L			11/05/22 12:41	50
Xylenes, Total	8.5		0.50	0.080	mg/L			11/05/22 12:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 119					11/05/22 12:41	50
Dibromofluoromethane	85		75 - 126					11/05/22 12:41	50
Toluene-d8 (Surr)	97		64 - 132					11/05/22 12:41	50

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	880		100	12	mg/L			11/08/22 07:22	100
Nitrate as N	0.32	U	0.50	0.32	mg/L			11/02/22 03:13	5
Nitrate Nitrite as N	0.32	U	0.50	0.32	mg/L			11/02/22 03:13	5
Sulfate	4200		100	37	mg/L			11/08/22 07:22	100
Nitrite as N	0.42	U	0.50	0.42	mg/L			11/02/22 03:13	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 10:09	1
Arsenic	0.0054	J	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:09	1
Barium	0.032		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:09	1
Boron	0.85		0.10	0.022	mg/L		11/02/22 17:42	11/03/22 10:09	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 10:09	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 10:09	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:09	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 21:38	1
Iron	0.49		0.20	0.075	mg/L		11/02/22 17:42	11/03/22 10:09	1
Lead	0.0022	J	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 01:50	1
Manganese	0.61		0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 10:09	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 10:09	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 10:09	1
Selenium	0.029		0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:09	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 10:09	1
Zinc	0.012	J	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 10:09	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	1500		1.0	0.50	mg/L			11/09/22 15:23	1
Total Dissolved Solids (SM 2540C)	9600		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: DUP-01

Lab Sample ID: 400-228120-17

Date Collected: 10/31/22 12:00

Matrix: Water

Date Received: 11/01/22 09:09

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.053		0.0010	0.00013	mg/L			11/05/22 18:56	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 18:56	1
Ethylbenzene	0.026		0.0010	0.00050	mg/L			11/05/22 18:56	1
Xylenes, Total	0.0036	J	0.010	0.0016	mg/L			11/05/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 119					11/05/22 18:56	1
Dibromofluoromethane	88		75 - 126					11/05/22 18:56	1
Toluene-d8 (Surr)	98		64 - 132					11/05/22 18:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		10	1.2	mg/L			11/02/22 03:36	10
Nitrate as N	0.63	U	1.0	0.63	mg/L			11/02/22 03:36	10
Nitrate Nitrite as N	0.63	U	1.0	0.63	mg/L			11/02/22 03:36	10
Sulfate	9900		200	74	mg/L			11/08/22 08:31	200
Nitrite as N	0.83	U	1.0	0.83	mg/L			11/02/22 03:36	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6.9		0.20	0.051	mg/L		11/03/22 16:58	11/05/22 19:26	1
Arsenic	0.0045	J	0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:41	1
Barium	0.014	F2 F1 B	0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:41	1
Boron	0.74		0.10	0.022	mg/L		11/03/22 16:58	11/04/22 17:41	1
Cadmium	0.0043	J	0.0050	0.0020	mg/L		11/03/22 16:58	11/04/22 17:41	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/03/22 16:58	11/04/22 17:41	1
Cobalt	0.25		0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:41	1
Copper	0.030		0.020	0.017	mg/L		11/03/22 16:58	11/04/22 17:41	1
Iron	29		0.20	0.075	mg/L		11/03/22 16:58	11/05/22 19:26	1
Lead	0.0020	U F1	0.010	0.0020	mg/L		11/03/22 16:58	11/04/22 17:41	1
Manganese	8.4		0.010	0.0030	mg/L		11/03/22 16:58	11/05/22 19:26	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/03/22 16:58	11/04/22 17:41	1
Nickel	0.34		0.0060	0.0030	mg/L		11/03/22 16:58	11/04/22 17:41	1
Selenium	0.0080	U	0.020	0.0080	mg/L		11/03/22 16:58	11/04/22 17:41	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/03/22 16:58	11/04/22 17:41	1
Zinc	0.95		0.020	0.0080	mg/L		11/03/22 16:58	11/04/22 17:41	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	22		1.0	0.50	mg/L			11/09/22 08:28	1
Total Dissolved Solids (SM 2540C)	17000		50	50	mg/L			11/02/22 13:08	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 8260B - Volatile Organic Compounds (GC/MS)**Matrix: Water****Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (72-119)	DBFM (75-126)	TOL (64-132)
400-228120-1	TB-01	101	86	99
400-228120-2	MW-2	98	87	99
400-228120-3	MW-4	99	86	98
400-228120-4	MW-6	100	87	97
400-228120-4 MS	MW-6	109	85	107
400-228120-4 MSD	MW-6	107	85	106
400-228120-5	MW-8	100	87	98
400-228120-6	MW-9	101	89	96
400-228120-7	MW-11	102	85	98
400-228120-8	MW-12	100	86	97
400-228120-9	MW-13	101	85	98
400-228120-10	MW-14	99	87	95
400-228120-11	MW-15	100	87	95
400-228120-12	MW-17	101	84	98
400-228120-13	MW-18	99	87	97
400-228120-14	MW-22	98	87	98
400-228120-15	MW-27	100	89	98
400-228120-16	MW-28	104	85	97
400-228120-17	DUP-01	104	88	98
LCS 400-599368/1002	Lab Control Sample	111	85	107
MB 400-599368/4	Method Blank	101	86	97

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: TB-01

Lab Sample ID: 400-228120-1

Date Collected: 10/31/22 06:00

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 09:58	WPD	EET PEN

Client Sample ID: MW-2

Lab Sample ID: 400-228120-2

Date Collected: 10/31/22 07:45

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 10:52	WPD	EET PEN
Total/NA	Analysis	300.0		50	10 mL	10 mL	598859	11/02/22 13:43	JAS	EET PEN
Total/NA	Analysis	300.0		2	10 mL	10 mL	598767	11/01/22 21:54	JAS	EET PEN
Total/NA	Analysis	300.0		250	10 mL	10 mL	599097	11/04/22 06:12	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 08:07	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:12	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	598954	11/02/22 15:41	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-4

Lab Sample ID: 400-228120-3

Date Collected: 10/31/22 08:12

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 11:18	WPD	EET PEN
Total/NA	Analysis	300.0		50	10 mL	10 mL	598859	11/02/22 14:04	JAS	EET PEN
Total/NA	Analysis	300.0		2	10 mL	10 mL	598767	11/01/22 22:17	JAS	EET PEN
Total/NA	Analysis	300.0		500	10 mL	10 mL	599617	11/08/22 06:14	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 08:11	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:14	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 10:25	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		200	10 mL	10 mL	598859	11/02/22 12:40	JAS	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/01/22 18:29	JAS	EET PEN
Total/NA	Analysis	300.0		500	10 mL	10 mL	599097	11/04/22 02:24	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 00:35	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 08:52	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 20:44	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:15	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599608	11/07/22 15:49	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-8

Lab Sample ID: 400-228120-5

Date Collected: 10/31/22 09:45

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 14:38	WPD	EET PEN
Total/NA	Analysis	300.0		100	10 mL	10 mL	598859	11/02/22 14:24	JAS	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/01/22 22:40	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	599097	11/04/22 06:35	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599406	11/05/22 00:51	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:11	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599085	11/03/22 13:13	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599192	11/03/22 20:55	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:22	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-9

Lab Sample ID: 400-228120-6

Date Collected: 10/31/22 10:15

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 15:05	WPD	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598766	11/01/22 23:02	JAS	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/01/22 23:02	JAS	EET PEN
Total/NA	Analysis	300.0		400	10 mL	10 mL	599097	11/04/22 07:20	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 00:56	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:16	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 20:59	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:23	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599608	11/07/22 15:49	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-11

Lab Sample ID: 400-228120-7

Date Collected: 10/31/22 13:11

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 15:47	WPD	EET PEN
Total/NA	Analysis	300.0		50	10 mL	10 mL	598859	11/02/22 15:48	JAS	EET PEN
Total/NA	Analysis	300.0		2	10 mL	10 mL	598767	11/01/22 23:25	JAS	EET PEN
Total/NA	Analysis	300.0	DL	500	10 mL	10 mL	599093	11/03/22 16:08	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:01	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:19	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:11	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:24	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599830	11/09/22 08:28	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-12

Lab Sample ID: 400-228120-8

Date Collected: 10/31/22 12:46

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 16:15	WPD	EET PEN
Total/NA	Analysis	300.0		50	10 mL	10 mL	598859	11/02/22 16:08	JAS	EET PEN
Total/NA	Analysis	300.0		2	10 mL	10 mL	598767	11/01/22 23:48	JAS	EET PEN
Total/NA	Analysis	300.0	DL	500	10 mL	10 mL	599093	11/03/22 16:31	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:17	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:23	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:15	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:26	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-13

Lab Sample ID: 400-228120-9

Date Collected: 10/31/22 12:28

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	599368	11/05/22 11:45	WPD	EET PEN
Total/NA	Analysis	300.0		100	10 mL	10 mL	598859	11/02/22 16:29	JAS	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/02/22 00:34	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	599097	11/04/22 06:57	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599406	11/05/22 01:22	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:27	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599085	11/03/22 13:25	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599192	11/03/22 21:19	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:27	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-13

Lab Sample ID: 400-228120-9

Date Collected: 10/31/22 12:28

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	599276	11/04/22 13:18	VB	EET PEN

Client Sample ID: MW-14

Lab Sample ID: 400-228120-10

Date Collected: 10/31/22 12:00

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 16:43	WPD	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598766	11/02/22 00:56	JAS	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/02/22 00:56	JAS	EET PEN
Total/NA	Analysis	300.0	DL	400	10 mL	10 mL	599093	11/03/22 16:54	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:28	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:53	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:23	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:28	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599830	11/09/22 08:28	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-15

Lab Sample ID: 400-228120-11

Date Collected: 10/31/22 11:40

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 17:09	WPD	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	598859	11/02/22 17:11	JAS	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/02/22 01:19	JAS	EET PEN
Total/NA	Analysis	300.0		400	10 mL	10 mL	599097	11/04/22 08:29	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599406	11/05/22 01:34	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:57	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		10			599085	11/03/22 13:29	LSS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-15

Date Collected: 10/31/22 11:40

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
Dissolved	Analysis	6010B		10			599192	11/03/22 21:27	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:29	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-17

Date Collected: 10/31/22 11:10

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-12

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	8260B		25	5 mL	5 mL	599368	11/05/22 12:14	WPD	EET PEN

Client Sample ID: MW-18

Date Collected: 10/31/22 10:50

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-13

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	8260B		1	5 mL	5 mL	599368	11/05/22 17:34	WPD	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598766	11/02/22 02:28	JAS	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/02/22 02:28	JAS	EET PEN
Total/NA	Analysis	300.0		400	10 mL	10 mL	599766	11/09/22 04:41	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:39	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 10:01	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:31	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:30	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599608	11/07/22 15:49	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-22

Date Collected: 10/31/22 11:27

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-14

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	8260B		1	5 mL	5 mL	599368	11/05/22 18:02	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-27

Lab Sample ID: 400-228120-15

Date Collected: 10/31/22 13:26

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 18:29	WPD	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/02/22 02:50	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	599617	11/08/22 07:00	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:44	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 10:05	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:34	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:34	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-28

Lab Sample ID: 400-228120-16

Date Collected: 10/31/22 13:48

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	5 mL	5 mL	599368	11/05/22 12:41	WPD	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/02/22 03:13	JAS	EET PEN
Total/NA	Analysis	300.0		100	10 mL	10 mL	599617	11/08/22 07:22	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599406	11/05/22 01:50	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 10:09	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 21:38	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:35	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: DUP-01

Lab Sample ID: 400-228120-17

Date Collected: 10/31/22 12:00

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 18:56	WPD	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598766	11/02/22 03:36	JAS	EET PEN
Total/NA	Analysis	300.0		10	10 mL	10 mL	598767	11/02/22 03:36	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	599617	11/08/22 08:31	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Dissolved	Analysis	6010B		1			599406	11/04/22 17:41	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Dissolved	Analysis	6010B		1			599666	11/05/22 19:26	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:37	NET	EET PEN
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599830	11/09/22 08:28	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598766/5

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	300.0		1	10 mL	10 mL	598766	11/01/22 17:20	JAS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598767/5

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	300.0		1	10 mL	10 mL	598767	11/01/22 17:20	JAS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598859/5

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	300.0		1	10 mL	10 mL	598859	11/02/22 11:38	JAS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598860/5

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	300.0		1	10 mL	10 mL	598860	11/02/22 11:38	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598915/1

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	SM 2540C		1	50 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598954/2

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	SM 2320B		1	50 mL	50 mL	598954	11/02/22 15:41	JP	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-598977/1-A

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 Recoverable	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Total Recoverable	Analysis	6010B		1			599406	11/05/22 00:25	LSS	EET PEN
Total Recoverable	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Total Recoverable	Analysis	6010B		1			599085	11/03/22 07:59	LSS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599093/5

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	300.0		1	10 mL	10 mL	599093	11/03/22 11:35	JAS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599096/41

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	300.0		1	10 mL	10 mL	599096	11/04/22 01:15	JAS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599097/41

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	300.0		1	10 mL	10 mL	599097	11/04/22 01:15	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599153/1-A

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 Recoverable	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Total Recoverable	Analysis	6010B		1			599406	11/04/22 17:31	LSS	EET PEN
Total Recoverable	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Total Recoverable	Analysis	6010B		1			599666	11/05/22 19:15	LSS	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599233/14-A

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	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Total/NA	Analysis	7470A		1			599508	11/04/22 15:05	NET	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599276/1

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	SM 2540C		1	50 mL	50 mL	599276	11/04/22 13:18	VB	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599368/4

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	8260B		1	5 mL	5 mL	599368	11/05/22 09:31	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599608/2

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	SM 2320B		1	50 mL	50 mL	599608	11/07/22 15:49	JP	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-599617/41

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	300.0		1	10 mL	10 mL	599617	11/08/22 03:57	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-599766/5****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	599766	11/08/22 17:39	JAS	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-599830/2****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599830	11/09/22 08:28	JP	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-600075/2****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN

Client Sample ID: Lab Control Sample**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCS 400-598766/6****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598766	11/01/22 17:43	JAS	EET PEN

Client Sample ID: Lab Control Sample**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCS 400-598767/6****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598767	11/01/22 17:43	JAS	EET PEN

Client Sample ID: Lab Control Sample**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCS 400-598859/6****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598859	11/02/22 11:58	JAS	EET PEN

Client Sample ID: Lab Control Sample**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCS 400-598860/6****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598860	11/02/22 11:58	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-598915/2

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	SM 2540C		1	50 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-598954/4

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	SM 2320B		1	1000 mL	1000 mL	598954	11/02/22 15:41	JP	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-598977/2-A

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 Recoverable	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Total Recoverable	Analysis	6010B		1			599406	11/05/22 00:30	LSS	EET PEN
Total Recoverable	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Total Recoverable	Analysis	6010B		1			599085	11/03/22 08:03	LSS	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599093/6

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	599093	11/03/22 11:57	JAS	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599096/42

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	300.0		1	10 mL	10 mL	599096	11/04/22 01:38	JAS	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599097/42

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	300.0		1	10 mL	10 mL	599097	11/04/22 01:38	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599153/2-A

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 Recoverable	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Total Recoverable	Analysis	6010B		1			599406	11/04/22 17:36	LSS	EET PEN
Total Recoverable	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Total Recoverable	Analysis	6010B		1			599666	11/05/22 19:21	LSS	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599233/15-A

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	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Total/NA	Analysis	7470A		1			599508	11/04/22 15:06	NET	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599276/2

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	SM 2540C		1	50 mL	50 mL	599276	11/04/22 13:18	VB	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599368/1002

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	8260B		1	5 mL	5 mL	599368	11/05/22 08:33	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599608/4

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	SM 2320B		1	1000 mL	1000 mL	599608	11/07/22 15:49	JP	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599617/42

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	300.0		1	10 mL	10 mL	599617	11/08/22 04:20	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599766/6

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	599766	11/08/22 18:02	JAS	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-599830/4

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	SM 2320B		1	1000 mL	1000 mL	599830	11/09/22 08:28	JP	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-600075/3

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	SM 2320B		1	100 mL	100 mL	600075	11/09/22 15:23	JP	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-598766/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598766	11/01/22 18:06	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-598767/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598767	11/01/22 18:06	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-598859/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598859	11/02/22 12:19	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-598860/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	598860	11/02/22 12:19	JAS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-599093/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	599093	11/03/22 12:20	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-599096/43

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	300.0		1	10 mL	10 mL	599096	11/04/22 02:01	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-599097/43

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	300.0		1	10 mL	10 mL	599097	11/04/22 02:01	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-599617/43

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	300.0		1	10 mL	10 mL	599617	11/08/22 04:43	JAS	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-599766/7

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	599766	11/08/22 18:25	JAS	EET PEN

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4 MS

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 13:15	WPD	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	598859	11/02/22 13:01	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	598860	11/02/22 13:01	JAS	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/01/22 18:52	JAS	EET PEN
Total/NA	Analysis	300.0		500	10 mL	10 mL	599096	11/04/22 02:47	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
Completed:								11/02/22 18:17		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:04	LSS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: MW-6

Date Collected: 10/31/22 08:49

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
Dissolved	Analysis	6010B		1			599192	11/03/22 20:48	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:20	NET	EET PEN

Client Sample ID: MW-6

Date Collected: 10/31/22 08:49

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	599368	11/05/22 13:43	WPD	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	598859	11/02/22 13:22	JAS	EET PEN
Total/NA	Analysis	300.0		200	10 mL	10 mL	598860	11/02/22 13:22	JAS	EET PEN
Total/NA	Analysis	300.0		5	10 mL	10 mL	598767	11/01/22 19:14	JAS	EET PEN
Total/NA	Analysis	300.0		500	10 mL	10 mL	599096	11/04/22 03:09	JAS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599085	11/03/22 09:08	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	598977	11/02/22 17:42	KWN	EET PEN
							Completed:	11/02/22 18:17 ¹		
Dissolved	Analysis	6010B		1			599192	11/03/22 20:52	LSS	EET PEN
Dissolved	Prep	7470A			40 mL	40 mL	599233	11/04/22 10:46	NET	EET PEN
							Completed:	11/04/22 13:52 ¹		
Dissolved	Analysis	7470A		1			599508	11/04/22 15:21	NET	EET PEN

Client Sample ID: DUP-01

Date Collected: 10/31/22 12:00

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-17 MS

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Dissolved	Analysis	6010B		1			599406	11/04/22 18:07	LSS	EET PEN
Dissolved	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Dissolved	Analysis	6010B		1			599666	11/05/22 19:31	LSS	EET PEN

Client Sample ID: DUP-01

Date Collected: 10/31/22 12:00

Date Received: 11/01/22 09:09

Lab Sample ID: 400-228120-17 MSD

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			50 mL	50 mL	599153	11/03/22 16:58	KWN	EET PEN
							Completed:	11/03/22 17:37 ¹		
Dissolved	Analysis	6010B		1			599406	11/04/22 18:12	LSS	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Client Sample ID: 400-228120-D-4 MS

Lab Sample ID: 400-228120-D-4 MS

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	598766	11/01/22 18:52	JAS	EET PEN

Client Sample ID: 400-228120-D-4 MSD

Lab Sample ID: 400-228120-D-4 MSD

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	598766	11/01/22 19:14	JAS	EET PEN

Client Sample ID: MW-2

Lab Sample ID: 400-228120-2 DU

Date Collected: 10/31/22 07:45

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-6

Lab Sample ID: 400-228120-4 DU

Date Collected: 10/31/22 08:49

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599608	11/07/22 15:49	JP	EET PEN

Client Sample ID: MW-11

Lab Sample ID: 400-228120-7 DU

Date Collected: 10/31/22 13:11

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	599830	11/09/22 08:28	JP	EET PEN

Client Sample ID: MW-18

Lab Sample ID: 400-228120-13 DU

Date Collected: 10/31/22 10:50

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	598915	11/02/22 13:08	VB	EET PEN

Client Sample ID: MW-28

Lab Sample ID: 400-228120-16 DU

Date Collected: 10/31/22 13:48

Matrix: Water

Date Received: 11/01/22 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	600075	11/09/22 15:23	JP	EET PEN

* Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

GC/MS VOA

Analysis Batch: 599368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-1	TB-01	Total/NA	Water	8260B	
400-228120-2	MW-2	Total/NA	Water	8260B	
400-228120-3	MW-4	Total/NA	Water	8260B	
400-228120-4	MW-6	Total/NA	Water	8260B	
400-228120-5	MW-8	Total/NA	Water	8260B	
400-228120-6	MW-9	Total/NA	Water	8260B	
400-228120-7	MW-11	Total/NA	Water	8260B	
400-228120-8	MW-12	Total/NA	Water	8260B	
400-228120-9	MW-13	Total/NA	Water	8260B	
400-228120-10	MW-14	Total/NA	Water	8260B	
400-228120-11	MW-15	Total/NA	Water	8260B	
400-228120-12	MW-17	Total/NA	Water	8260B	
400-228120-13	MW-18	Total/NA	Water	8260B	
400-228120-14	MW-22	Total/NA	Water	8260B	
400-228120-15	MW-27	Total/NA	Water	8260B	
400-228120-16	MW-28	Total/NA	Water	8260B	
400-228120-17	DUP-01	Total/NA	Water	8260B	
MB 400-599368/4	Method Blank	Total/NA	Water	8260B	
LCS 400-599368/1002	Lab Control Sample	Total/NA	Water	8260B	
400-228120-4 MS	MW-6	Total/NA	Water	8260B	
400-228120-4 MSD	MW-6	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 598766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-6	MW-9	Total/NA	Water	300.0	
400-228120-10	MW-14	Total/NA	Water	300.0	
400-228120-13	MW-18	Total/NA	Water	300.0	
400-228120-17	DUP-01	Total/NA	Water	300.0	
MB 400-598766/5	Method Blank	Total/NA	Water	300.0	
LCS 400-598766/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-598766/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-228120-D-4 MS	400-228120-D-4 MS	Total/NA	Water	300.0	
400-228120-D-4 MSD	400-228120-D-4 MSD	Total/NA	Water	300.0	

Analysis Batch: 598767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Total/NA	Water	300.0	
400-228120-3	MW-4	Total/NA	Water	300.0	
400-228120-4	MW-6	Total/NA	Water	300.0	
400-228120-5	MW-8	Total/NA	Water	300.0	
400-228120-6	MW-9	Total/NA	Water	300.0	
400-228120-7	MW-11	Total/NA	Water	300.0	
400-228120-8	MW-12	Total/NA	Water	300.0	
400-228120-9	MW-13	Total/NA	Water	300.0	
400-228120-10	MW-14	Total/NA	Water	300.0	
400-228120-11	MW-15	Total/NA	Water	300.0	
400-228120-13	MW-18	Total/NA	Water	300.0	
400-228120-15	MW-27	Total/NA	Water	300.0	
400-228120-16	MW-28	Total/NA	Water	300.0	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

HPLC/IC (Continued)

Analysis Batch: 598767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-17	DUP-01	Total/NA	Water	300.0	
MB 400-598767/5	Method Blank	Total/NA	Water	300.0	
LCS 400-598767/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-598767/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-228120-4 MS	MW-6	Total/NA	Water	300.0	
400-228120-4 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 598859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Total/NA	Water	300.0	
400-228120-3	MW-4	Total/NA	Water	300.0	
400-228120-4	MW-6	Total/NA	Water	300.0	
400-228120-5	MW-8	Total/NA	Water	300.0	
400-228120-7	MW-11	Total/NA	Water	300.0	
400-228120-8	MW-12	Total/NA	Water	300.0	
400-228120-9	MW-13	Total/NA	Water	300.0	
400-228120-11	MW-15	Total/NA	Water	300.0	
MB 400-598859/5	Method Blank	Total/NA	Water	300.0	
LCS 400-598859/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-598859/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-228120-4 MS	MW-6	Total/NA	Water	300.0	
400-228120-4 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 598860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-598860/5	Method Blank	Total/NA	Water	300.0	
LCS 400-598860/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-598860/7	Lab Control Sample Dup	Total/NA	Water	300.0	
400-228120-4 MS	MW-6	Total/NA	Water	300.0	
400-228120-4 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 599093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-7 - DL	MW-11	Total/NA	Water	300.0	
400-228120-8 - DL	MW-12	Total/NA	Water	300.0	
400-228120-10 - DL	MW-14	Total/NA	Water	300.0	
MB 400-599093/5	Method Blank	Total/NA	Water	300.0	
LCS 400-599093/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-599093/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 599096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-599096/41	Method Blank	Total/NA	Water	300.0	
LCS 400-599096/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-599096/43	Lab Control Sample Dup	Total/NA	Water	300.0	
400-228120-4 MS	MW-6	Total/NA	Water	300.0	
400-228120-4 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 599097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Total/NA	Water	300.0	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

HPLC/IC (Continued)

Analysis Batch: 599097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-4	MW-6	Total/NA	Water	300.0	
400-228120-5	MW-8	Total/NA	Water	300.0	
400-228120-6	MW-9	Total/NA	Water	300.0	
400-228120-9	MW-13	Total/NA	Water	300.0	
400-228120-11	MW-15	Total/NA	Water	300.0	
MB 400-599097/41	Method Blank	Total/NA	Water	300.0	
LCS 400-599097/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-599097/43	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 599617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-3	MW-4	Total/NA	Water	300.0	
400-228120-15	MW-27	Total/NA	Water	300.0	
400-228120-16	MW-28	Total/NA	Water	300.0	
400-228120-17	DUP-01	Total/NA	Water	300.0	
MB 400-599617/41	Method Blank	Total/NA	Water	300.0	
LCS 400-599617/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-599617/43	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 599766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-13	MW-18	Total/NA	Water	300.0	
MB 400-599766/5	Method Blank	Total/NA	Water	300.0	
LCS 400-599766/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-599766/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 598977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Dissolved	Water	3005A	
400-228120-3	MW-4	Dissolved	Water	3005A	
400-228120-4	MW-6	Dissolved	Water	3005A	
400-228120-5	MW-8	Dissolved	Water	3005A	
400-228120-6	MW-9	Dissolved	Water	3005A	
400-228120-7	MW-11	Dissolved	Water	3005A	
400-228120-8	MW-12	Dissolved	Water	3005A	
400-228120-9	MW-13	Dissolved	Water	3005A	
400-228120-10	MW-14	Dissolved	Water	3005A	
400-228120-11	MW-15	Dissolved	Water	3005A	
400-228120-13	MW-18	Dissolved	Water	3005A	
400-228120-15	MW-27	Dissolved	Water	3005A	
400-228120-16	MW-28	Dissolved	Water	3005A	
MB 400-598977/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-598977/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-228120-4 MS	MW-6	Dissolved	Water	3005A	
400-228120-4 MSD	MW-6	Dissolved	Water	3005A	

Analysis Batch: 599085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Dissolved	Water	6010B	598977

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Metals (Continued)

Analysis Batch: 599085 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-3	MW-4	Dissolved	Water	6010B	598977
400-228120-4	MW-6	Dissolved	Water	6010B	598977
400-228120-5	MW-8	Dissolved	Water	6010B	598977
400-228120-5	MW-8	Dissolved	Water	6010B	598977
400-228120-6	MW-9	Dissolved	Water	6010B	598977
400-228120-7	MW-11	Dissolved	Water	6010B	598977
400-228120-8	MW-12	Dissolved	Water	6010B	598977
400-228120-9	MW-13	Dissolved	Water	6010B	598977
400-228120-9	MW-13	Dissolved	Water	6010B	598977
400-228120-10	MW-14	Dissolved	Water	6010B	598977
400-228120-11	MW-15	Dissolved	Water	6010B	598977
400-228120-11	MW-15	Dissolved	Water	6010B	598977
400-228120-13	MW-18	Dissolved	Water	6010B	598977
400-228120-15	MW-27	Dissolved	Water	6010B	598977
400-228120-16	MW-28	Dissolved	Water	6010B	598977
MB 400-598977/1-A	Method Blank	Total Recoverable	Water	6010B	598977
LCS 400-598977/2-A	Lab Control Sample	Total Recoverable	Water	6010B	598977
400-228120-4 MS	MW-6	Dissolved	Water	6010B	598977
400-228120-4 MSD	MW-6	Dissolved	Water	6010B	598977

Prep Batch: 599153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-17	DUP-01	Dissolved	Water	3005A	
MB 400-599153/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 400-599153/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-228120-17 MS	DUP-01	Dissolved	Water	3005A	
400-228120-17 MSD	DUP-01	Dissolved	Water	3005A	

Analysis Batch: 599192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-4	MW-6	Dissolved	Water	6010B	598977
400-228120-5	MW-8	Dissolved	Water	6010B	598977
400-228120-6	MW-9	Dissolved	Water	6010B	598977
400-228120-7	MW-11	Dissolved	Water	6010B	598977
400-228120-8	MW-12	Dissolved	Water	6010B	598977
400-228120-9	MW-13	Dissolved	Water	6010B	598977
400-228120-10	MW-14	Dissolved	Water	6010B	598977
400-228120-11	MW-15	Dissolved	Water	6010B	598977
400-228120-13	MW-18	Dissolved	Water	6010B	598977
400-228120-15	MW-27	Dissolved	Water	6010B	598977
400-228120-16	MW-28	Dissolved	Water	6010B	598977
400-228120-4 MS	MW-6	Dissolved	Water	6010B	598977
400-228120-4 MSD	MW-6	Dissolved	Water	6010B	598977

Prep Batch: 599233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Dissolved	Water	7470A	
400-228120-3	MW-4	Dissolved	Water	7470A	
400-228120-4	MW-6	Dissolved	Water	7470A	
400-228120-5	MW-8	Dissolved	Water	7470A	
400-228120-6	MW-9	Dissolved	Water	7470A	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Metals (Continued)

Prep Batch: 599233 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-7	MW-11	Dissolved	Water	7470A	
400-228120-8	MW-12	Dissolved	Water	7470A	
400-228120-9	MW-13	Dissolved	Water	7470A	
400-228120-10	MW-14	Dissolved	Water	7470A	
400-228120-11	MW-15	Dissolved	Water	7470A	
400-228120-13	MW-18	Dissolved	Water	7470A	
400-228120-15	MW-27	Dissolved	Water	7470A	
400-228120-16	MW-28	Dissolved	Water	7470A	
400-228120-17	DUP-01	Dissolved	Water	7470A	
MB 400-599233/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-599233/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-228120-4 MS	MW-6	Dissolved	Water	7470A	
400-228120-4 MSD	MW-6	Dissolved	Water	7470A	

Analysis Batch: 599406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-4	MW-6	Dissolved	Water	6010B	598977
400-228120-5	MW-8	Dissolved	Water	6010B	598977
400-228120-6	MW-9	Dissolved	Water	6010B	598977
400-228120-7	MW-11	Dissolved	Water	6010B	598977
400-228120-8	MW-12	Dissolved	Water	6010B	598977
400-228120-9	MW-13	Dissolved	Water	6010B	598977
400-228120-10	MW-14	Dissolved	Water	6010B	598977
400-228120-11	MW-15	Dissolved	Water	6010B	598977
400-228120-13	MW-18	Dissolved	Water	6010B	598977
400-228120-15	MW-27	Dissolved	Water	6010B	598977
400-228120-16	MW-28	Dissolved	Water	6010B	598977
400-228120-17	DUP-01	Dissolved	Water	6010B	599153
MB 400-598977/1-A	Method Blank	Total Recoverable	Water	6010B	598977
MB 400-599153/1-A	Method Blank	Total Recoverable	Water	6010B	599153
LCS 400-598977/2-A	Lab Control Sample	Total Recoverable	Water	6010B	598977
LCS 400-599153/2-A	Lab Control Sample	Total Recoverable	Water	6010B	599153
400-228120-17 MS	DUP-01	Dissolved	Water	6010B	599153
400-228120-17 MSD	DUP-01	Dissolved	Water	6010B	599153

Analysis Batch: 599508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Dissolved	Water	7470A	599233
400-228120-3	MW-4	Dissolved	Water	7470A	599233
400-228120-4	MW-6	Dissolved	Water	7470A	599233
400-228120-5	MW-8	Dissolved	Water	7470A	599233
400-228120-6	MW-9	Dissolved	Water	7470A	599233
400-228120-7	MW-11	Dissolved	Water	7470A	599233
400-228120-8	MW-12	Dissolved	Water	7470A	599233
400-228120-9	MW-13	Dissolved	Water	7470A	599233
400-228120-10	MW-14	Dissolved	Water	7470A	599233
400-228120-11	MW-15	Dissolved	Water	7470A	599233
400-228120-13	MW-18	Dissolved	Water	7470A	599233
400-228120-15	MW-27	Dissolved	Water	7470A	599233
400-228120-16	MW-28	Dissolved	Water	7470A	599233
400-228120-17	DUP-01	Dissolved	Water	7470A	599233

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Metals (Continued)

Analysis Batch: 599508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-599233/14-A	Method Blank	Total/NA	Water	7470A	599233
LCS 400-599233/15-A	Lab Control Sample	Total/NA	Water	7470A	599233
400-228120-4 MS	MW-6	Dissolved	Water	7470A	599233
400-228120-4 MSD	MW-6	Dissolved	Water	7470A	599233

Analysis Batch: 599666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-17	DUP-01	Dissolved	Water	6010B	599153
MB 400-599153/1-A	Method Blank	Total Recoverable	Water	6010B	599153
LCS 400-599153/2-A	Lab Control Sample	Total Recoverable	Water	6010B	599153
400-228120-17 MS	DUP-01	Dissolved	Water	6010B	599153

General Chemistry

Analysis Batch: 598915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Total/NA	Water	SM 2540C	
400-228120-3	MW-4	Total/NA	Water	SM 2540C	
400-228120-4	MW-6	Total/NA	Water	SM 2540C	
400-228120-5	MW-8	Total/NA	Water	SM 2540C	
400-228120-6	MW-9	Total/NA	Water	SM 2540C	
400-228120-7	MW-11	Total/NA	Water	SM 2540C	
400-228120-8	MW-12	Total/NA	Water	SM 2540C	
400-228120-10	MW-14	Total/NA	Water	SM 2540C	
400-228120-11	MW-15	Total/NA	Water	SM 2540C	
400-228120-13	MW-18	Total/NA	Water	SM 2540C	
400-228120-15	MW-27	Total/NA	Water	SM 2540C	
400-228120-16	MW-28	Total/NA	Water	SM 2540C	
400-228120-17	DUP-01	Total/NA	Water	SM 2540C	
MB 400-598915/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-598915/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-228120-2 DU	MW-2	Total/NA	Water	SM 2540C	
400-228120-13 DU	MW-18	Total/NA	Water	SM 2540C	

Analysis Batch: 598954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-2	MW-2	Total/NA	Water	SM 2320B	
MB 400-598954/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-598954/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 599276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-9	MW-13	Total/NA	Water	SM 2540C	
MB 400-599276/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-599276/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 599608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-4	MW-6	Total/NA	Water	SM 2320B	
400-228120-6	MW-9	Total/NA	Water	SM 2320B	
400-228120-13	MW-18	Total/NA	Water	SM 2320B	

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

General Chemistry (Continued)

Analysis Batch: 599608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-599608/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-599608/4	Lab Control Sample	Total/NA	Water	SM 2320B	
400-228120-4 DU	MW-6	Total/NA	Water	SM 2320B	

Analysis Batch: 599830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-7	MW-11	Total/NA	Water	SM 2320B	
400-228120-10	MW-14	Total/NA	Water	SM 2320B	
400-228120-17	DUP-01	Total/NA	Water	SM 2320B	
MB 400-599830/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-599830/4	Lab Control Sample	Total/NA	Water	SM 2320B	
400-228120-7 DU	MW-11	Total/NA	Water	SM 2320B	

Analysis Batch: 600075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-228120-3	MW-4	Total/NA	Water	SM 2320B	
400-228120-5	MW-8	Total/NA	Water	SM 2320B	
400-228120-8	MW-12	Total/NA	Water	SM 2320B	
400-228120-9	MW-13	Total/NA	Water	SM 2320B	
400-228120-11	MW-15	Total/NA	Water	SM 2320B	
400-228120-15	MW-27	Total/NA	Water	SM 2320B	
400-228120-16	MW-28	Total/NA	Water	SM 2320B	
MB 400-600075/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-600075/3	Lab Control Sample	Total/NA	Water	SM 2320B	
400-228120-16 DU	MW-28	Total/NA	Water	SM 2320B	

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-599368/4

Matrix: Water

Analysis Batch: 599368

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00013	U	0.0010	0.00013	mg/L			11/05/22 09:31	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			11/05/22 09:31	1
Toluene	0.00041	U	0.0010	0.00041	mg/L			11/05/22 09:31	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			11/05/22 09:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 119		11/05/22 09:31	1
Dibromofluoromethane	86		75 - 126		11/05/22 09:31	1
Toluene-d8 (Surr)	97		64 - 132		11/05/22 09:31	1

Lab Sample ID: LCS 400-599368/1002

Matrix: Water

Analysis Batch: 599368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0421		mg/L		84	70 - 130
Ethylbenzene	0.0500	0.0476		mg/L		95	70 - 130
Toluene	0.0500	0.0455		mg/L		91	70 - 130
Xylenes, Total	0.100	0.0927		mg/L		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	111		72 - 119
Dibromofluoromethane	85		75 - 126
Toluene-d8 (Surr)	107		64 - 132

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599368

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00013	U	0.0500	0.0371		mg/L		74	56 - 142
Toluene	0.00041	U	0.0500	0.0400		mg/L		80	65 - 130
Ethylbenzene	0.00050	U	0.0500	0.0414		mg/L		83	58 - 131
Xylenes, Total	0.0016	U	0.100	0.0816		mg/L		82	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	109		72 - 119
Dibromofluoromethane	85		75 - 126
Toluene-d8 (Surr)	107		64 - 132

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599368

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.00013	U	0.0500	0.0386		mg/L		77	56 - 142	4	30
Toluene	0.00041	U	0.0500	0.0410		mg/L		82	65 - 130	3	30
Ethylbenzene	0.00050	U	0.0500	0.0417		mg/L		83	58 - 131	1	30

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

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

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599368

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	0.0016	U	0.100	0.0820		mg/L		82	59 - 130	1	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	107		72 - 119								
Dibromofluoromethane	85		75 - 126								
Toluene-d8 (Surr)	106		64 - 132								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-598766/5

Matrix: Water

Analysis Batch: 598766

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/01/22 17:20	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/01/22 17:20	1

Lab Sample ID: LCS 400-598766/6

Matrix: Water

Analysis Batch: 598766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Sulfate	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 400-598766/7

Matrix: Water

Analysis Batch: 598766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.2		mg/L		102	90 - 110	1	15
Sulfate	10.0	10.6		mg/L		106	90 - 110	2	15

Lab Sample ID: 400-228120-D-4 MS

Matrix: Water

Analysis Batch: 598766

Client Sample ID: 400-228120-D-4 MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	500	E	50.0	498	E 4	mg/L		-0.8	80 - 120
Sulfate	4900	E	50.0	4740	E 4	mg/L		-373	80 - 120

Lab Sample ID: 400-228120-D-4 MSD

Matrix: Water

Analysis Batch: 598766

Client Sample ID: 400-228120-D-4 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	500	E	50.0	496	E 4	mg/L		-4	80 - 120	0	20
Sulfate	4900	E	50.0	4740	E 4	mg/L		-377	80 - 120	0	20

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 400-598767/5

Matrix: Water

Analysis Batch: 598767

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/01/22 17:20	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/01/22 17:20	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/01/22 17:20	1

Lab Sample ID: LCS 400-598767/6

Matrix: Water

Analysis Batch: 598767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.26	2.27		mg/L		101	90 - 110
Nitrate Nitrite as N	5.30	5.44		mg/L		103	90 - 110
Nitrite as N	3.04	3.17		mg/L		104	90 - 110

Lab Sample ID: LCSD 400-598767/7

Matrix: Water

Analysis Batch: 598767

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.26	2.35		mg/L		104	90 - 110	3	15
Nitrate Nitrite as N	5.30	5.56		mg/L		105	90 - 110	2	15
Nitrite as N	3.04	3.21		mg/L		106	90 - 110	1	15

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 598767

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	43		11.3	53.2		mg/L		90	80 - 120
Nitrate Nitrite as N	43		26.5	72.6		mg/L		112	80 - 120
Nitrite as N	0.42	U F1	15.2	19.4	F1	mg/L		127	80 - 120

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 598767

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	43		11.3	53.1		mg/L		90	80 - 120	0	20
Nitrate Nitrite as N	43		26.5	72.7		mg/L		112	80 - 120	0	20
Nitrite as N	0.42	U F1	15.2	19.6	F1	mg/L		129	80 - 120	1	20

Lab Sample ID: MB 400-598859/5

Matrix: Water

Analysis Batch: 598859

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/02/22 11:38	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/02/22 11:38	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-598859/6

Matrix: Water

Analysis Batch: 598859

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.73		mg/L		97	90 - 110
Sulfate	10.0	10.9		mg/L		109	90 - 110

Lab Sample ID: LCSD 400-598859/7

Matrix: Water

Analysis Batch: 598859

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.78		mg/L		98	90 - 110	1	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	0	15

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 598859

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	620	F1 F2	2000	5050	F1	mg/L		222	80 - 120
Sulfate	10000	E F2	2000	51000	E 4	mg/L		2043	80 - 120

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 598859

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	620	F1 F2	2000	2610	F2	mg/L		99	80 - 120	64	20
Sulfate	10000	E F2	2000	12500	E 4 F2	mg/L		118	80 - 120	121	20

Lab Sample ID: MB 400-598860/5

Matrix: Water

Analysis Batch: 598860

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/02/22 11:38	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/02/22 11:38	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/02/22 11:38	1

Lab Sample ID: LCS 400-598860/6

Matrix: Water

Analysis Batch: 598860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.26	2.22		mg/L		98	90 - 110
Nitrate Nitrite as N	5.30	5.26		mg/L		99	90 - 110
Nitrite as N	3.04	3.04		mg/L		100	90 - 110

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-598860/7

Matrix: Water

Analysis Batch: 598860

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.26	2.29		mg/L		101	90 - 110	3	15
Nitrate Nitrite as N	5.30	5.31		mg/L		100	90 - 110	1	15
Nitrite as N	3.04	3.02		mg/L		99	90 - 110	1	15

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 598860

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	44	H	1060	1290	H	mg/L		117	80 - 120		
Nitrite as N	17	U H	608	619	H	mg/L		102	80 - 120		

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 598860

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	44	H	1060	1140	H	mg/L		103	80 - 120	13	20
Nitrite as N	17	U H	608	622	H	mg/L		102	80 - 120	0	20

Lab Sample ID: MB 400-599093/5

Matrix: Water

Analysis Batch: 599093

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/03/22 11:35	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/03/22 11:35	1

Lab Sample ID: LCS 400-599093/6

Matrix: Water

Analysis Batch: 599093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.97		mg/L		100	90 - 110		
Sulfate	10.0	10.3		mg/L		103	90 - 110		

Lab Sample ID: LCSD 400-599093/7

Matrix: Water

Analysis Batch: 599093

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	2	15

Lab Sample ID: MB 400-599096/41

Matrix: Water

Analysis Batch: 599096

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/04/22 01:15	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 400-599096/41

Matrix: Water

Analysis Batch: 599096

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/04/22 01:15	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/04/22 01:15	1

Lab Sample ID: LCS 400-599096/42

Matrix: Water

Analysis Batch: 599096

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.26	2.30		mg/L		102	90 - 110
Nitrate Nitrite as N	5.30	5.44		mg/L		103	90 - 110
Nitrite as N	3.04	3.14		mg/L		103	90 - 110

Lab Sample ID: LCSD 400-599096/43

Matrix: Water

Analysis Batch: 599096

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.26	2.33		mg/L		103	90 - 110	1	15
Nitrate Nitrite as N	5.30	5.47		mg/L		103	90 - 110	1	15
Nitrite as N	3.04	3.14		mg/L		103	90 - 110	0	15

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599096

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	44	J H	1130	1230	H	mg/L		105	80 - 120

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599096

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	44	J H	1130	1230	H	mg/L		105	80 - 120	0	20

Lab Sample ID: MB 400-599097/41

Matrix: Water

Analysis Batch: 599097

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/04/22 01:15	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/04/22 01:15	1

Lab Sample ID: LCS 400-599097/42

Matrix: Water

Analysis Batch: 599097

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Sulfate	10.0	10.4		mg/L		104	90 - 110

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-599097/43

Matrix: Water

Analysis Batch: 599097

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	1	15

Lab Sample ID: MB 400-599617/41

Matrix: Water

Analysis Batch: 599617

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/08/22 03:57	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/08/22 03:57	1

Lab Sample ID: LCS 400-599617/42

Matrix: Water

Analysis Batch: 599617

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.46		mg/L		95	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 400-599617/43

Matrix: Water

Analysis Batch: 599617

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.47		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.2		mg/L		102	90 - 110	1	15

Lab Sample ID: MB 400-599766/5

Matrix: Water

Analysis Batch: 599766

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.12	U	1.0	0.12	mg/L			11/08/22 17:39	1
Sulfate	0.37	U	1.0	0.37	mg/L			11/08/22 17:39	1

Lab Sample ID: LCS 400-599766/6

Matrix: Water

Analysis Batch: 599766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.89		mg/L		99	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 400-599766/7

Matrix: Water

Analysis Batch: 599766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.88		mg/L		99	90 - 110	0	15
Sulfate	10.0	10.2		mg/L		102	90 - 110	1	15

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 400-598977/1-A

Matrix: Water

Analysis Batch: 599085

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 598977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/02/22 17:42	11/03/22 07:59	1
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 07:59	1
Barium	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 07:59	1
Boron	0.022	U	0.10	0.022	mg/L		11/02/22 17:42	11/03/22 07:59	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/02/22 17:42	11/03/22 07:59	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/02/22 17:42	11/03/22 07:59	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 07:59	1
Copper	0.017	U	0.020	0.017	mg/L		11/02/22 17:42	11/03/22 07:59	1
Iron	0.075	U	0.20	0.075	mg/L		11/02/22 17:42	11/03/22 07:59	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/03/22 07:59	1
Manganese	0.0030	U	0.010	0.0030	mg/L		11/02/22 17:42	11/03/22 07:59	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/02/22 17:42	11/03/22 07:59	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/02/22 17:42	11/03/22 07:59	1
Selenium	0.0080	U	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 07:59	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/02/22 17:42	11/03/22 07:59	1
Zinc	0.0080	U	0.020	0.0080	mg/L		11/02/22 17:42	11/03/22 07:59	1

Lab Sample ID: MB 400-598977/1-A

Matrix: Water

Analysis Batch: 599406

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 598977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0020	U	0.010	0.0020	mg/L		11/02/22 17:42	11/05/22 00:25	1

Lab Sample ID: LCS 400-598977/2-A

Matrix: Water

Analysis Batch: 599085

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 598977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.74		mg/L		97	80 - 120
Arsenic	1.00	1.08		mg/L		108	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Boron	1.00	1.06		mg/L		106	80 - 120
Cadmium	0.500	0.535		mg/L		107	80 - 120
Chromium	1.00	1.05		mg/L		105	80 - 120
Cobalt	1.00	1.01		mg/L		101	80 - 120
Copper	1.00	1.12		mg/L		112	80 - 120
Iron	10.0	9.66		mg/L		97	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Manganese	1.00	1.02		mg/L		102	80 - 120
Molybdenum	1.00	0.863		mg/L		86	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.19		mg/L		119	80 - 120
Silver	0.500	0.489		mg/L		98	80 - 120
Zinc	1.00	1.08		mg/L		108	80 - 120

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 400-598977/2-A

Matrix: Water

Analysis Batch: 599406

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 598977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1.00	0.985		mg/L		99	80 - 120

Lab Sample ID: MB 400-599153/1-A

Matrix: Water

Analysis Batch: 599406

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 599153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0030	U	0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:31	1
Barium	0.00464	J	0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:31	1
Boron	0.022	U	0.10	0.022	mg/L		11/03/22 16:58	11/04/22 17:31	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/03/22 16:58	11/04/22 17:31	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/03/22 16:58	11/04/22 17:31	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/03/22 16:58	11/04/22 17:31	1
Copper	0.017	U	0.020	0.017	mg/L		11/03/22 16:58	11/04/22 17:31	1
Lead	0.00387	J	0.010	0.0020	mg/L		11/03/22 16:58	11/04/22 17:31	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/03/22 16:58	11/04/22 17:31	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/03/22 16:58	11/04/22 17:31	1
Selenium	0.0080	U	0.020	0.0080	mg/L		11/03/22 16:58	11/04/22 17:31	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/03/22 16:58	11/04/22 17:31	1
Zinc	0.0080	U	0.020	0.0080	mg/L		11/03/22 16:58	11/04/22 17:31	1

Lab Sample ID: MB 400-599153/1-A

Matrix: Water

Analysis Batch: 599666

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 599153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.051	U	0.20	0.051	mg/L		11/03/22 16:58	11/05/22 19:15	1
Arsenic	0.00361	J	0.010	0.0030	mg/L		11/03/22 16:58	11/05/22 19:15	1
Barium	0.0030	U	0.010	0.0030	mg/L		11/03/22 16:58	11/05/22 19:15	1
Boron	0.022	U	0.10	0.022	mg/L		11/03/22 16:58	11/05/22 19:15	1
Cadmium	0.0020	U	0.0050	0.0020	mg/L		11/03/22 16:58	11/05/22 19:15	1
Chromium	0.0050	U	0.010	0.0050	mg/L		11/03/22 16:58	11/05/22 19:15	1
Cobalt	0.0030	U	0.010	0.0030	mg/L		11/03/22 16:58	11/05/22 19:15	1
Iron	0.075	U	0.20	0.075	mg/L		11/03/22 16:58	11/05/22 19:15	1
Lead	0.0020	U	0.010	0.0020	mg/L		11/03/22 16:58	11/05/22 19:15	1
Manganese	0.0030	U	0.010	0.0030	mg/L		11/03/22 16:58	11/05/22 19:15	1
Molybdenum	0.0040	U	0.10	0.0040	mg/L		11/03/22 16:58	11/05/22 19:15	1
Nickel	0.0030	U	0.0060	0.0030	mg/L		11/03/22 16:58	11/05/22 19:15	1
Selenium	0.0137	J	0.020	0.0080	mg/L		11/03/22 16:58	11/05/22 19:15	1
Silver	0.0040	U	0.0050	0.0040	mg/L		11/03/22 16:58	11/05/22 19:15	1
Zinc	0.0080	U	0.020	0.0080	mg/L		11/03/22 16:58	11/05/22 19:15	1

Lab Sample ID: LCS 400-599153/2-A

Matrix: Water

Analysis Batch: 599406

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 599153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	1.06		mg/L		106	80 - 120
Barium	1.00	1.06		mg/L		106	80 - 120

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 400-599153/2-A

Matrix: Water

Analysis Batch: 599406

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 599153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.04		mg/L		104	80 - 120
Cadmium	0.500	0.506		mg/L		101	80 - 120
Chromium	1.00	0.986		mg/L		99	80 - 120
Cobalt	1.00	0.946		mg/L		95	80 - 120
Copper	1.00	0.898		mg/L		90	80 - 120
Lead	1.00	0.957		mg/L		96	80 - 120
Molybdenum	1.00	1.09		mg/L		109	80 - 120
Nickel	1.00	0.945		mg/L		94	80 - 120
Selenium	1.00	1.11		mg/L		111	80 - 120
Silver	0.500	0.516		mg/L		103	80 - 120
Zinc	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: LCS 400-599153/2-A

Matrix: Water

Analysis Batch: 599666

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 599153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.99		mg/L		100	80 - 120
Arsenic	1.00	0.995		mg/L		99	80 - 120
Barium	1.00	1.06		mg/L		106	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Cadmium	0.500	0.526		mg/L		105	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Cobalt	1.00	1.04		mg/L		104	80 - 120
Iron	10.0	10.4		mg/L		104	80 - 120
Lead	1.00	0.984		mg/L		98	80 - 120
Manganese	1.00	1.04		mg/L		104	80 - 120
Molybdenum	1.00	1.02		mg/L		102	80 - 120
Nickel	1.00	0.994		mg/L		99	80 - 120
Selenium	1.00	1.07		mg/L		107	80 - 120
Zinc	1.00	1.04		mg/L		104	80 - 120

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599085

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 598977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	14	F1	10.0	18.7	F1	mg/L		47	75 - 125
Arsenic	0.0030	U	1.00	1.11		mg/L		111	75 - 125
Barium	0.0068	J F1 F2	1.00	0.276	F1	mg/L		27	75 - 125
Boron	0.78	F1	1.00	1.48	F1	mg/L		69	75 - 125
Cadmium	0.010		0.500	0.516		mg/L		101	75 - 125
Chromium	0.0050	U	1.00	0.942		mg/L		94	75 - 125
Cobalt	0.24		1.00	1.19		mg/L		95	75 - 125
Iron	0.12	J	10.0	9.38		mg/L		93	75 - 125
Lead	0.053	^2 F1 F2	1.00	0.633	F1	mg/L		58	75 - 125
Manganese	7.8	F2	1.00	5.91	4	mg/L		-184	75 - 125
Molybdenum	0.0040	U	1.00	0.851		mg/L		85	75 - 125
Nickel	0.30		1.00	1.23		mg/L		93	75 - 125

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599085

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 598977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.25		1.00	1.37		mg/L		112	75 - 125
Silver	0.0040	U	0.500	0.440		mg/L		88	75 - 125
Zinc	0.58	F1	1.00	1.31	F1	mg/L		72	75 - 125

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599192

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 598977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.049		1.00	0.979		mg/L		93	75 - 125

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599085

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 598977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	14	F1	10.0	22.9		mg/L		89	75 - 125	20	20
Arsenic	0.0030	U	1.00	1.08		mg/L		108	75 - 125	2	20
Barium	0.0068	J F1 F2	1.00	0.673	F1 F2	mg/L		67	75 - 125	84	20
Boron	0.78	F1	1.00	1.67		mg/L		89	75 - 125	12	20
Cadmium	0.010		0.500	0.504		mg/L		99	75 - 125	2	20
Chromium	0.0050	U	1.00	0.907		mg/L		91	75 - 125	4	20
Cobalt	0.24		1.00	1.26		mg/L		102	75 - 125	6	20
Iron	0.12	J	10.0	9.10		mg/L		90	75 - 125	3	20
Lead	0.053	^2 F1 F2	1.00	1.02	F2	mg/L		97	75 - 125	47	20
Manganese	7.8	F2	1.00	8.37	4 F2	mg/L		62	75 - 125	34	20
Molybdenum	0.0040	U	1.00	0.805		mg/L		81	75 - 125	6	20
Nickel	0.30		1.00	1.31		mg/L		101	75 - 125	7	20
Selenium	0.25		1.00	1.48		mg/L		122	75 - 125	7	20
Silver	0.0040	U	0.500	0.457		mg/L		91	75 - 125	4	20
Zinc	0.58	F1	1.00	1.42		mg/L		84	75 - 125	9	20

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599192

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 598977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	0.049		1.00	0.985		mg/L		94	75 - 125	1	20

Lab Sample ID: 400-228120-17 MS

Matrix: Water

Analysis Batch: 599406

Client Sample ID: DUP-01

Prep Type: Dissolved

Prep Batch: 599153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0045	J	1.00	1.05		mg/L		105	75 - 125
Barium	0.014	F2 F1 B	1.00	0.713	F1	mg/L		70	75 - 125
Boron	0.74		1.00	1.63		mg/L		88	75 - 125
Cadmium	0.0043	J	0.500	0.474		mg/L		94	75 - 125
Chromium	0.0050	U	1.00	0.893		mg/L		89	75 - 125
Cobalt	0.25		1.00	1.24		mg/L		99	75 - 125

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 400-228120-17 MS

Matrix: Water

Analysis Batch: 599406

Client Sample ID: DUP-01

Prep Type: Dissolved

Prep Batch: 599153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.030		1.00	0.892		mg/L		86	75 - 125
Lead	0.0020	U F1	1.00	0.831		mg/L		83	75 - 125
Molybdenum	0.0040	U	1.00	1.01		mg/L		101	75 - 125
Nickel	0.34		1.00	1.32		mg/L		98	75 - 125
Selenium	0.0080	U	1.00	1.09		mg/L		109	75 - 125
Silver	0.0040	U	0.500	0.402		mg/L		80	75 - 125
Zinc	0.95		1.00	1.89		mg/L		94	75 - 125

Lab Sample ID: 400-228120-17 MS

Matrix: Water

Analysis Batch: 599666

Client Sample ID: DUP-01

Prep Type: Dissolved

Prep Batch: 599153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6.9		10.0	15.9		mg/L		90	75 - 125
Arsenic	0.0047	J B	1.00	0.986		mg/L		98	75 - 125
Barium	0.0063	J F1	1.00	0.289	F1	mg/L		28	75 - 125
Boron	0.72		1.00	1.60		mg/L		87	75 - 125
Cadmium	0.0043	J	0.500	0.494		mg/L		98	75 - 125
Chromium	0.0050	U	1.00	0.923		mg/L		92	75 - 125
Cobalt	0.28		1.00	1.37		mg/L		109	75 - 125
Iron	29		10.0	37.7		mg/L		87	75 - 125
Lead	0.0020	U F1	1.00	0.667	F1	mg/L		67	75 - 125
Manganese	8.4		1.00	9.12	4	mg/L		74	75 - 125
Molybdenum	0.0040	U	1.00	0.949		mg/L		95	75 - 125
Nickel	0.36		1.00	1.40		mg/L		104	75 - 125
Selenium	0.0092	J B	1.00	1.04		mg/L		103	75 - 125
Silver	0.0040	U *-	0.500	0.380		mg/L		76	75 - 125
Zinc	0.90		1.00	1.81		mg/L		91	75 - 125

Lab Sample ID: 400-228120-17 MSD

Matrix: Water

Analysis Batch: 599406

Client Sample ID: DUP-01

Prep Type: Dissolved

Prep Batch: 599153

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Arsenic	0.0045	J	1.00	1.06		mg/L		106	75 - 125	1	20
Barium	0.014	F2 F1 B	1.00	0.406	F2 F1	mg/L		39	75 - 125	55	20
Boron	0.74		1.00	1.64		mg/L		90	75 - 125	1	20
Cadmium	0.0043	J	0.500	0.477		mg/L		95	75 - 125	1	20
Chromium	0.0050	U	1.00	0.891		mg/L		89	75 - 125	0	20
Cobalt	0.25		1.00	1.25		mg/L		100	75 - 125	0	20
Copper	0.030		1.00	0.909		mg/L		88	75 - 125	2	20
Lead	0.0020	U F1	1.00	0.693	F1	mg/L		69	75 - 125	18	20
Molybdenum	0.0040	U	1.00	1.02		mg/L		102	75 - 125	1	20
Nickel	0.34		1.00	1.33		mg/L		99	75 - 125	0	20
Selenium	0.0080	U	1.00	1.11		mg/L		111	75 - 125	2	20
Silver	0.0040	U	0.500	0.404		mg/L		81	75 - 125	0	20
Zinc	0.95		1.00	1.89		mg/L		95	75 - 125	0	20

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-599233/14-A

Matrix: Water

Analysis Batch: 599508

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 599233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	U	0.00020	0.00015	mg/L		11/04/22 10:46	11/04/22 15:05	1

Lab Sample ID: LCS 400-599233/15-A

Matrix: Water

Analysis Batch: 599508

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 599233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00101	0.000880		mg/L		87	80 - 120

Lab Sample ID: 400-228120-4 MS

Matrix: Water

Analysis Batch: 599508

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 599233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00015	U	0.00201	0.00184		mg/L		91	80 - 120

Lab Sample ID: 400-228120-4 MSD

Matrix: Water

Analysis Batch: 599508

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 599233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Mercury	0.00015	U	0.00201	0.00179		mg/L		89	80 - 120	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 400-598954/2

Matrix: Water

Analysis Batch: 598954

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	0.50	U	1.0	0.50	mg/L			11/02/22 15:41	1

Lab Sample ID: LCS 400-598954/4

Matrix: Water

Analysis Batch: 598954

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	108		mg/L		108	80 - 120

Lab Sample ID: MB 400-599608/2

Matrix: Water

Analysis Batch: 599608

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	0.50	U	1.0	0.50	mg/L			11/07/22 15:49	1

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 400-599608/4

Matrix: Water

Analysis Batch: 599608

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	105		mg/L		105	80 - 120

Lab Sample ID: 400-228120-4 DU

Matrix: Water

Analysis Batch: 599608

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	6.0		5.98		mg/L		0.3	20

Lab Sample ID: MB 400-599830/2

Matrix: Water

Analysis Batch: 599830

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	0.50	U	1.0	0.50	mg/L			11/09/22 08:28	1

Lab Sample ID: LCS 400-599830/4

Matrix: Water

Analysis Batch: 599830

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	105		mg/L		105	80 - 120

Lab Sample ID: 400-228120-7 DU

Matrix: Water

Analysis Batch: 599830

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	650		655		mg/L		0.2	20

Lab Sample ID: MB 400-600075/2

Matrix: Water

Analysis Batch: 600075

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	0.50	U	1.0	0.50	mg/L			11/09/22 15:23	1

Lab Sample ID: LCS 400-600075/3

Matrix: Water

Analysis Batch: 600075

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	1000	994		mg/L		99	80 - 120

Lab Sample ID: 400-228120-16 DU

Matrix: Water

Analysis Batch: 600075

Client Sample ID: MW-28

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	1500		1450		mg/L		4	20

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-598915/1

Matrix: Water

Analysis Batch: 598915

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/02/22 13:08	1

Lab Sample ID: LCS 400-598915/2

Matrix: Water

Analysis Batch: 598915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	262		mg/L		89	78 - 122

Lab Sample ID: 400-228120-2 DU

Matrix: Water

Analysis Batch: 598915

Client Sample ID: MW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4300		4500		mg/L		5	5

Lab Sample ID: 400-228120-13 DU

Matrix: Water

Analysis Batch: 598915

Client Sample ID: MW-18

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	20000		20100		mg/L		1	5

Lab Sample ID: MB 400-599276/1

Matrix: Water

Analysis Batch: 599276

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/04/22 13:18	1

Lab Sample ID: LCS 400-599276/2

Matrix: Water

Analysis Batch: 599276

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	286		mg/L		98	78 - 122

Eurofins Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-228120-1

Login Number: 228120

List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C, 0.0°C, 0.3°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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record



Client Information			Sample: SPC Lab PM: Whitmore, Cheyenne R Phone: 413,480,0281 E-Mail: Cheyenne.Whitmore@et.eurofinsus.com		Carrier Tracking No(s): State of Origin: WV Page: 1 of 3 Job #:		COC No: 400-114535-39042.1	
Company:			Sstanc Consulting Services Inc Address: 111311 Aurora Avenue City: Des Moines State, Zip: IA, 50322-7904 Phone:		Analysis Requested		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Due Date Requested:			TAT Requested (days): 5 Compliance Project: ☐ Yes ☒ No PO #: WD1040014 WO #: ERG-STN-10-07-22-SAH-16 Project #: 40012762 SSOW#:		Field Filtered Sample (Yes or No)		Total Number of Containers	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=other, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
Sample Identification			Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid,					

Ver: 06/08/2021

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: San Juan River Plant RWIP

Job ID: 400-228120-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-23-23
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Kentucky (WW)	State	KY98030	12-31-22
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-22
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-22
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-23
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-23

Eurofins Pensacola

Eurofins Pensacola

Job Notes

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

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

Authorization



Generated
11/18/2022 12:16:00 PM

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

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

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

CONDITIONS

Action 201934

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 201934
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

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