



2024 ANNUAL GROUNDWATER MONITORING REPORT

San Juan River Gas Plant
Kirtland, New Mexico

NMOCD Incident No.
NAUTOFRM000157

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2024 ANNUAL GROUNDWATER MONITORING REPORT**Abbreviations**

Bgs	below ground surface
Envirotech	Envirotech Inc.
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CalClean	CalClean, Inc.
CCI	Castleton Commodities International, LLC
EPA	United States Environmental Protection Agency
EPNG	El Paso Natural Gas Company, LLC
HVDPE	High-Vacuum Dual Phase Extraction
LNAPL	light non-aqueous phase liquid
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MDPE	Mobile Dual-Phase Extraction
NMED	New Mexico Environment Department
NMOCD	New Mexico Oil Conservation Division
NMOSE	New Mexico Office of the State Engineer
NMWQCC	New Mexico Water Quality Control Commission
O&M	Operation and Maintenance
ORC	Oxygen Releasing Compound
QC	quality control
Stantec	Stantec Consulting Services, Inc.
SVE	Soil Vapor Extraction
TDS	Total Dissolved Solids

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1.0 INTRODUCTION

This Annual Groundwater Monitoring Report (Report) has been prepared on behalf of El Paso Natural Gas Company, LLC (EPNG) to present the results of the 2024 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 and Soil Vapor Extraction (SVE) pilot testing.

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. The site location is shown in Figure 1 and the site plan is shown in Figure 2. The Site activities were performed by Stantec Consulting Services, Inc. (Stantec), on behalf of EPNG.

2024 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 River 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 above-ground gas processing facilities are being demolished and removed. The facility formerly 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 River Basin and major river drainages to the San Juan, Animas, and La Plata Rivers. Once discharge had ceased, producers were required to

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investigate and remediate soil and groundwater contamination caused by these pits. In response, multiple investigations and removal actions have been completed at the SJRP:

- 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 (W-2 and MW-4) were upgraded, and 5 new wells (MW-5, MW-6, MW-7, MW-8, and MW-9) were installed. 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 to NMOCD a groundwater remediation work plan 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 effective 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

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(NMWQCC) standards, the air sparging system was shut down in February 2004 to assess static groundwater conditions at the Site.

- 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 investigation was 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 drilling 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 drilling 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 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 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 and 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, was 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.

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- 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 results of the site characterization activities completed from 2017 through 2019 were presented in the 2020 Site Characterization Report.
- In August 2020, a stepped mobile dual-phase extraction (MDPE) event was conducted on monitoring well MW-20 where LNAPL is present, to assess its recoverability and potential source. The results of this activity 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.
- In April and July 2022, additional subsurface investigation activities were performed, including installation of monitoring wells MW-27 and MW-28. The results of these activities were presented in the 2022 Annual Groundwater Monitoring Report.
- In July and October 2023, two addition monitoring wells, MW-29 and MW-30 were installed and sampled. Semi-annual groundwater sampling activities were also initiated following completion of these monitoring wells. The results of the MW-29 and MW-30 were presented in the 2023 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 Groundwater Monitoring Report (Stantec, 2021).

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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.

During the 2006 investigation (MWH, 2006) using direct-push drilling 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 ground 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.

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3.0 FIELD ACTIVITIES

Activities completed in 2024 included groundwater sampling in May and November, LNAPL monitoring and recovery in March, May, August, and November, and SVE feasibility testing in August. Email notifications were provided to the NMOCD prior to the start of field work. Copies of the notifications are included in Appendix A.

The following sections summarize the 2024 site activities.

3.1 DEPTH TO WATER MEASUREMENTS

Site-wide well gauging activities were conducted on May 13 and November 5, 2024. Well gauging was completed using an oil-water interface probe, and the depth to water and depth to LNAPL, as applicable, were measured at each monitoring well that was accessed.

3.2 LNAPL RECOVERY

LNAPL recovery activities were performed in March, May, August, and November 2024. The LNAPL recovery data is summarized on Table 1. Recovered LNAPL and water was transported to the Envirotech Inc. (Envirotech) land farm, located in Bloomfield, New Mexico, for disposal. Associated wastewater disposal documentation is included in Appendix B.

3.3 GROUNDWATER SAMPLING

Following the collection of well gauging data on May 13 and November 5, 2024, groundwater samples were collected from monitoring wells where no measurable LNAPL was present and a water column sufficient for the collection of groundwater samples was present. Groundwater samples were collected using HydraSleeve™ no-purge samplers and as noted below. During the May event, monitoring wells MW-24 through MW-28, and MW-30 were sampled. During the November event, these monitoring wells were sampled again along with monitoring wells W-2, MW-4, MW-6, MW-8, MW-9, MW-11, through MW-20, and MW-29.

Collected groundwater samples were placed into laboratory-supplied sample containers, sealed, labeled, packed on ice, and shipped under chain-of-custody protocols to Eurofins Environment Testing Southeast, in Pensacola, Florida (Eurofins). One laboratory-originated trip blank, two field duplicate samples (one during the May event), and two matrix spike/matrix spike duplicate (MSMSD) samples (one during the May event) were also collected during the events and submitted for analysis. Groundwater samples were analyzed for BTEX using Method 8260D, dissolved metals using Method 6010D, dissolved mercury using Method 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.

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Excess groundwater and other wastewater generated during the groundwater sampling events was containerized and transported to Envirotech for disposal. Associated wastewater disposal documentation is included in Appendix B.

3.4 SOIL VAPOR EXTRACTION FEASIBILITY TESTING

SVE feasibility testing activities were conducted at the Site on August 20 and August 21, 2024, by CalClean Inc, of Orange California (CalClean). CalClean possesses a No Permit Required (NPR) letter from the New Mexico Environment Department (NMED) for operation of their equipment for its intended purposes.

The NMOCD was notified of the start date for the feasibility testing activities on August 14, 2024 (Appendix A). SVE feasibility testing was completed at MW-29, as elevated hydrocarbon concentrations have been observed in this location that may warrant active remediation. MW-29 was constructed with sufficient well screen above the water table to facilitate the SVE testing.

The intent of SVE is to reduce concentrations of VOCs within the saturated-vadose zone through extraction and volatilization. The SVE feasibility testing conducted was completed using a truck mounted High-Vacuum Dual Phase Extraction (HVDPE) system with a liquid ring pump with equipment configured to extract vapors. A stinger was installed to control the upwelling of groundwater during testing, if necessary, however, no water was recovered during the testing activities. The vacuum pump was connected to the extraction point with hoses to induce vacuum on the well. Extracted vapors were destroyed by an oxidizer, part of the truck mounted system.

Step SVE testing was conducted to evaluate vacuum, flowrate, and hydrocarbon concentration response. The process involved inducing various vacuum pressures at the test well by incrementally decreasing dilution air into the vacuum pump. During testing, flow rate, vacuum, hydrocarbon concentration, and pressure/vacuum influence at nearby monitoring points was recorded to evaluate performance.

CalClean approximates hydrocarbon using a Horiba vapor analyzer. To further quantify vapor concentrations, estimate hydrocarbon mass removal during the testing, and confirm destruction efficiency of the oxidizer, vapor samples were collected from the influent and effluent streams on August 21, 2024. Each sample was analyzed for BTEX constituents by EPA Method TO-15 and TPH by Modified EPA Method TO-3. Analytical laboratory reports for the vapor samples are included in CalClean's report (Appendix C).

No wastes were generated during the feasibility testing that required offsite disposal.

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4.0 RESULTS AND DISCUSSION

4.1 GROUNDWATER ELEVATION AND GRADIENT

Groundwater elevation data collected on May 13 and November 5, 2024, is summarized in Table 2. Groundwater flow onto the Site is generally westward, with flow in the southwest direction south of the Praxair Plant, and 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 for May 13 and November 5, 2024, are included as Figures 3 and 4, respectively.

4.2 GROUNDWATER ANALYTICAL RESULTS

Tables 3 and 4 summarize the May and November 2024 and historical groundwater BTEX, dissolved metals, and inorganics analytical results. Figures 5 through 10 depict the BTEX, dissolved metals, and inorganics concentrations that exceeded NMWQCC standards during the sampling events. The groundwater laboratory analytical reports are included in Appendix D. The following is a summary of findings based on field observations and the May and November 2024 groundwater analytical results:

- LNAPL was observed in monitoring well MW-21 in March and November 2024, and in MW-20 and MW-29 in May 2025.
- Groundwater samples collected from monitoring wells MW-9, MW-13, MW-15, MW-16, MW-17, MW-20, MW-28, and MW-29 exceeded the NMWQCC standard (0.01 milligrams per liter [mg/L]) for benzene. Benzene concentrations were either below the standard or not detected in the remaining monitoring wells sampled in 2024.
- The November groundwater samples collected from MW-17 and MW-20 exceeded the NMWQCC standard (0.75 mg/L) for toluene. Concentrations of toluene were either below the standard or not detected in the remaining monitoring wells sampled in 2024.
- The November groundwater sample collected from MW-28 exceeded the NMWQCC standard (0.75 mg/L) for ethylbenzene. Concentrations of ethylbenzene were either below the standard or not detected in the remaining monitoring wells sampled in 2024.
- Groundwater samples collected from MW-16, MW-17, MW-20, MW-28, and MW-29 exceeded the NMWQCC standard (0.62 mg/L) for total xylenes. Total xylene concentrations were either below the standard or not detected in the remaining monitoring wells sampled in 2024.
- Dissolved metal concentrations that equaled or exceeded an NMWQCC standard in 2024 include those for: aluminum (MW-6 and MW-9 [NMWQCC standard of 5 mg/L]); arsenic (W-2, MW-11, and MW-16 [NMWQCC standard of 0.01 mg/L]); boron (MW-6, MW-9, MW-15, MW-18, MW-24, MW-26, MW-27, and MW-28 [NMWQCC standard of 0.75 mg/L]); cobalt (MW-6, MW-9, MW-18, and MW-27 [NMWQCC standard of 0.05 mg/L]); iron (MW-8, MW-9, MW-12, MW-13, MW-14, MW-15, MW-18, and MW-29 [NMWQCC standard of 1 mg/L]); manganese (each of the sampled wells except W-2, MW-16, and MW-28 [NMWQCC standard of 0.2

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mg/L]); nickel (MW-6, MW-9, and MW-18 [NMWQCC standard of 0.2 mg/L]); and selenium (W-2, MW-6, , MW-20, MW-28, and MW-30 [NMWQCC standard of 0.05 mg/L]).

- Inorganic constituent concentrations that exceeded an NMWQCC standard in 2024 include those for: chloride (each of the sampled wells except W-2, MW-8, MW-16, MW-19, and MW-20 [NMWQCC standard of 250 mg/L]); nitrate (W2, MW-6, and MW-30 [NMWQCC standard of 10 mg/L]); sulfate (each of the sampled wells [NMWQCC standard of 600 mg/L]); and TDS (each of the sampled wells except MW-29 [NMWQCC standard of 1,000 mg/L]).

A field duplicate was collected from monitoring well MW-28 during the May 2024 event and field duplicates were collected from monitoring wells MW-16 and MW-18 during the November 2024 sampling event. No significant differences exist between the primary and the duplicate samples. Detectable concentrations of BTEX constituents were not reported in the trip blanks submitted for analysis during the sampling events.

Groundwater analytical data were subjected to a validation process for the review of data 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 on the groundwater analytical data summary tables. The 2024 groundwater sampling data is considered usable as qualified in this report. The Stantec data validation report, and associated level IV data packages from Eurofins, are available upon request.

4.3 SVE FEASIBILITY TESTING RESULTS

Based on the observed flow rates, hydrocarbon concentration, and induced vacuum data collected during the feasibility testing, the feasibility of SVE at the MW-29 location was inconclusive. Low flow rates were observed under various induced vacuums, although hydrocarbon concentrations were noted to have generally increased during completion of the testing. Furthermore, testing did not identify a radius of vacuum influence.

The total amount of hydrocarbons removed during the testing is estimated in CalClean's report. Based on the Horiba analyzer data, approximately 3.42 pounds (0.55 gallons) of hydrocarbons were removed during the testing event.

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Semi-annual groundwater monitoring is planned for the second and fourth calendar quarters of 2025. During the second quarter sampling event, groundwater samples will be collected from the MW-24 through MW-30, where LNAPL is not observed. During the fourth quarter sampling event, groundwater samples will be collected from each site monitoring well not containing LNAPL, with sufficient water column to sample. If encountered while on-site, LNAPL will be hand bailed and recovered and the fluids will be transported off-site for proper disposal.

Monitoring for LNAPL will continue on a quarterly basis in 2025. If encountered, LNAPL will be hand bailed and recovered. Additional hydrocarbon remedial feasibility testing of MW-29 is planned for 2025, the plan for which to be outlined in a separate submittal to NMOCD.

The activities completed in 2025, and the results will be summarized in the 2025 Annual Report, to be submitted by April 1, 2026.

2024 ANNUAL GROUNDWATER MONITORING REPORT**6.0 REFERENCES**

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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
3/27/2023	19.10	19.11	0.01	<0.01	0.16	Manual
			Total:	<0.01	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
3/27/2023	26.19	26.21	0.02	<0.01	0.21	Manual
8/28/2023	26.85	26.88	0.03	<0.01	0.33	Manual
11/9/2023	26.92	26.93	0.01	<0.01	0.15	Manual
5/13/2024	27.49	27.51	0.02	<0.01	0.36	Manual
			Total:	1.36	27.54	

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

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
3/27/2023	28.23	28.25	0.02	<0.01	0.05	Manual
5/17/2023	28.10	28.13	0.03	<0.01	0.29	Manual
8/28/2023	28.33	28.37	0.04	<0.01	0.52	Manual
11/9/2023	28.61	28.64	0.03	0.02	0.41	Manual
3/25/2024	28.24	28.26	0.02	0.01	0.33	Manual
11/5/2024	28.39	28.40	0.01	<0.01	0.01	Manual
			Total:	0.04	2.53	
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:	<0.01	1.50	
Well ID - MW-29	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
11/9/2023	37.46	37.47	0.01	<0.01	0.15	Manual
8/20/2024	32.78	32.78	<0.01	<0.01	0.01	Manual
8/20/2024	ND	33.09	0.00	0.55	0.00	SVE Testing*
			Total:	0.55	0.15	

Notes:

* = Includes calculated recovered hydrocarbon vapors.

gal = gallons.

LNAPL = Light non-aqueous phase liquid.

MDPE = Mobile Dual-Phase Extraction.

N/A = Not attempted.

ND = Not detected.

SVE = Soil Vapor Extraction

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

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring 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
		11/07/2023	ND	54.40	5230.03
		5/13/2024	ND	56.39	5228.04
		11/05/2024	ND	50.10	5234.33
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
		11/07/2023	ND	54.52	5232.36
		5/13/2024	ND	55.81	5231.07
		11/05/2024	ND	52.49	5234.39

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
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					
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
		11/07/2023	ND	33.29	5275.42
5/13/2024	ND	33.56	5275.15		
11/05/2024	ND	33.54	5275.17		
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
		Well plugged in May 2007			

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-8	5262.72	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

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-8 (cont.)	5262.72	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
		11/07/2023	ND	22.25	5240.47
		5/13/2024	ND	22.24	5240.48
		11/05/2024	ND	16.83	5245.89
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

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
MW-9 (cont.)	5264.26	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
		11/07/2023	ND	9.61	5254.65
		5/13/2024	ND	10.27	5253.99
		11/05/2024	ND	10.20	5254.06
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
		5/17/2022	ND	25.29	5265.17
		10/30/2022	ND	25.00	5265.46
		11/07/2023	ND	26.62	5263.84
		5/13/2024	ND	27.72	5262.74
		11/05/2024	ND	27.71	5262.75
		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
MW-12	5282.8	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	5262.45
		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
		3/27/2023	19.10	19.11	5263.70
		5/17/2023	ND	19.28	5263.52
		8/28/2023	ND	20.64	5262.16
		11/07/2023	ND	20.65	5262.15
		3/25/2024	ND	20.79	5262.01
		5/13/2024	ND	21.43	5261.37
		8/20/2024	ND	22.04	5260.76
		11/05/2024	ND	21.72	5261.08
		7/05/2017	ND	23.35	5255.96
		11/16/2017	ND	21.17	5258.14
MW-13	5279.31	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	20.90	5258.41
		11/07/2023	ND	21.24	5258.07
		5/13/2024	ND	22.03	5257.28
		11/05/2024	ND	22.75	5256.56

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
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
		11/07/2023	ND	9.22	5261.36
		5/13/2024	ND	10.32	5260.26
		11/05/2024	ND	10.19	5260.39
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
		11/07/2023	ND	19.18	5254.27
		5/13/2024	ND	21.70	5251.75
		11/05/2024	ND	21.73	5251.72
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
		11/07/2023	ND	22.87	5242.47
		5/13/2024	ND	23.11	5242.23
		11/05/2024	ND	23.02	5242.32
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
		11/07/2023	ND	27.15	5236.80
		5/13/2024	ND	27.96	5235.99
		11/05/2024	ND	28.20	5235.75
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
		11/07/2023	ND	13.00	5256.08
		5/13/2024	ND	13.67	5255.41
		11/05/2024	ND	13.68	5255.40
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
		11/07/2023	ND	15.12	5263.82
		5/13/2024	ND	16.30	5262.64
		11/05/2024	ND	16.02	5262.92

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
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
		3/27/2023	26.19	26.21	5266.04
		5/17/2023	26.35	26.35	5265.88
		8/28/2023	26.85	26.88	5265.37
		11/07/2023	ND	26.92	5265.31
		3/25/2024	ND	26.99	5265.24
MW-21	5276.06	5/13/2024	27.49	27.51	5264.72
		11/05/2024	ND	27.75	5264.48
		3/11/2019	ND	36.50	5239.56
		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
		3/27/2023	28.23	28.25	5247.83
		5/17/2023	28.10	28.13	5247.95
		8/28/2023	28.33	28.37	5247.72
		11/07/2023	28.61	28.64	5247.44
		3/25/2024	28.24	28.26	5247.82
		5/13/2024	ND	28.30	5247.76
		8/20/2024	ND	28.32	5247.74
MW-22	5269.13	11/05/2024	28.39	28.40	5247.66
		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
		11/07/2023	ND	37.05	5232.08
		5/13/2024	ND	37.04	5232.09
MW-23	5287.76	11/05/2024	ND	37.05	5232.08
		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
		11/07/2023	ND	Dry @ 57.9 feet	NA
		5/13/2024	ND	Dry @ 57.9 feet	NA
MW-24	5290.19	11/05/2024	ND	Dry @ 57.95 feet	NA
		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
		11/07/2023	ND	23.12	5267.07
		5/13/2024	ND	24.22	5265.97
MW-25	5288.45	11/05/2024	ND	23.41	5266.78
		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
		11/07/2023	ND	22.37	5266.08
		5/13/2024	ND	23.61	5264.84
		11/05/2024	ND	23.58	5264.87

Table 2
Groundwater Elevation Data Summary
San Juan River Gas Plant, Kirtland, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to LNAPL (ft btoc)	Depth to Water (ft btoc)	GW Elevation (ft amsl)
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
		11/07/2023	ND	29.87	5266.11
		5/13/2024	ND	30.44	5265.54
		11/05/2024	ND	31.11	5264.87
MW-27	5304.67	8/01/2022	ND	60.95	5243.72
		10/30/2022	ND	56.37	5248.30
		11/07/2023	ND	44.73	5259.94
		5/13/2024	ND	43.43	5261.24
		11/05/2024	ND	43.30	5261.37
MW-28	5297.55	8/01/2022	60.84	60.87	5236.70
		10/30/2022	ND	40.78	5256.77
		3/27/2023	ND	34.07	5263.48
		5/17/2023	ND	34.11	5263.44
		8/28/2023	ND	34.22	5263.33
		11/07/2023	ND	34.77	5262.78
		3/25/2024	ND	35.12	5262.43
		5/13/2024	ND	35.26	5262.29
		8/20/2024	ND	34.78	5262.77
		11/05/2024	ND	35.90	5261.65
MW-29	5285.78	10/21/2023	ND	53.89	5231.89
		11/07/2023	ND	36.49	5249.29
		3/25/2024	ND	32.65	5253.13
		5/13/2024	32.78	32.78	5253.00
		8/20/2024	ND	33.09	5252.69
		11/05/2024	ND	33.20	5252.58
MW-30	5317.94	10/21/2023	ND	48.54	5269.40
		11/07/2023	ND	38.98	5278.96
		5/13/2024	ND	39.12	5278.82
		11/05/2024	ND	39.07	5278.87
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	11/07/2023	NM	NM	NM
		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
PMW-4a	5287.86	10/30/2022	NM	NM	NM
		11/07/2023	NM	NM	NM
		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

Notes:

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.

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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
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
	11/08/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-4 (contd.)	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
	11/08/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
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
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366
	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
	11/08/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/08/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-8 (contd.)	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
	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
	11/16/2017	<0.000538	<0.000198	<0.000212	<0.000366
	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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-8 (contd.)	5/19/2022	<0.00013	<0.00041	<0.00050	<0.0016
	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
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
	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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-9 (contd.)	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	0.0097	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
	11/16/2017	0.127	<0.000198	0.0397	0.0108
	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
	11/09/2023	0.0032	0.0048	<0.00090	<0.0016
	11/07/2024	0.049	<0.00025	0.023	0.0031
MW-11	7/06/2017	<0.000176	0.000309 J	<0.000212	0.000913 J
	11/16/2017	<0.000176	<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	0.0026	<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
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
MW-12	7/06/2017	0.000647 J	0.000426 J	0.000602 J	0.00268
	11/16/2017	0.00153	<0.000198	0.000617 J	0.00729
	11/13/2018	0.00323	<0.000198	<0.000212	<0.000366
	3/12/2019	0.000576 J	<0.000198	<0.000212	<0.000366

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-12 (contd.)	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
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	0.00039 J
MW-13	7/06/2017	4.09	0.137	0.664	6.19
	11/16/2017	2.22	<0.00396	0.369	2.03
	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
	11/09/2023	1.6	<0.0090	<0.0050	<0.016
	11/07/2024	2.8	<0.00025	0.035	0.0056
MW-14	7/06/2017	<0.000176	<0.000198	<0.000212	0.000529 J
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366
	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
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
MW-15	7/07/2017	4.37	0.00162	0.159	2.17
	11/16/2017	6.90	<0.0099	0.122	1.87
	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
	11/09/2023	0.24	<0.0018	<0.0010	0.040
	11/09/2023 (Dup-02)	0.55	<0.0045	<0.0025	0.065
	11/07/2024	0.26	<0.00025	0.0014	0.013
MW-16	7/06/2017	2.07	0.000943 J	0.442	3.96
	11/16/2017	1.9	<0.0099	0.456	2.65
	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

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-16 (contd.)	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
	11/08/2023	0.22	<0.0045	0.11	0.52
	11/08/2023	0.28	<0.0045	0.19	0.96
	11/08/2023 (Dup-01)	0.29	<0.0045	0.19	0.96
	11/07/2024	0.56	0.022	0.13	0.79
	11/7/2024 (Dup-02)	0.55	0.024 J	0.13	0.79
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	4.1	3.0	<0.013	3.3
	11/08/2023	4.8	1.6	0.048	2.9
	11/07/2024	5.7	1.9	0.042 J	3.3
MW-18	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
	5/19/2022	<0.00013	0.00050 J	<0.00050	<0.0016
	10/31/2022	0.00037 J	<0.00041	<0.00050	<0.0016
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	0.00027 J	<0.00025	<0.00021	<0.00037
	11/7/2024 (Dup-01)	<0.00023	<0.00025	<0.00021	<0.00037
MW-19	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
	11/09/2023	<0.00050	<0.00050	<0.00090	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
MW-20	3/12/2019	LNAPL in well, no sample collected			
	10/15/2019	LNAPL in well, no sample collected			
	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			
	11/07/2024	0.43	2.1	0.37	5.2
MW-21	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			

Table 3
Groundwater BTEX 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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-21 (contd.)	11/01/2022	LNAPL in well, no sample collected			
	11/07/2024	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
	11/07/2024	Insufficient water in well, no sample collected			
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			
	11/07/2024	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
	11/09/2023	0.00058 J	<0.00090	<0.00050	<0.0016
	5/15/2024	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	0.00075 J	<0.00025	<0.00021	<0.00037
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
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	5/15/2024	<0.00050	<0.00090 F1	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
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
	11/09/2023	0.0011	<0.00090	<0.00050	<0.0016
	11/09/2023	0.0036	<0.00090	<0.00050	<0.0016
	5/15/2024	0.0015	<0.00090	<0.00050	<0.0016
	11/07/2024	0.0013	<0.00025	<0.00021	<0.00037
MW-27	10/31/2022	<0.00013	<0.00041	<0.00050	<0.0016
	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	5/15/2024	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	<0.00023	<0.00025	<0.00021	<0.00037
MW-28	10/31/2022	3.9	12	0.35	8.5
	11/09/2023	1.8	0.034	0.21	1.8
	5/15/2024	2.4	0.073	0.69	4.4
	5/15/2024 (Dup-01)	2.4	0.069	0.70	4.4
	11/07/2024	2.6	0.330	0.76	2.0
MW-29	11/07/2024	0.48	0.078 J	0.21	3.9

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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)
NMWQCC Standard (mg/L):		0.01	0.75	0.75	0.62
MW-30	11/09/2023	<0.00050	<0.00090	<0.00050	<0.0016
	5/15/2024	<0.00050	<0.00090	<0.00050	<0.0016
	11/07/2024	0.00026 J	<0.00025	<0.00021	<0.00037
PMW-1a	7/07/2017	<0.000176	<0.000198	<0.000212	<0.000366
	11/17/2017	<0.000176	<0.000198	<0.000212	<0.000366
	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
	11/17/2017	9.61	9.47	0.262	4.01
	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
	11/16/2017	<0.000176	<0.000198	<0.000212	<0.000366
	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:

Bolded text indicates a detected concentration.

Highlighted cells and bolded text indicates the concentration exceeded the NMWQCC standard.

< = Not detected above the method detection limit.

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

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

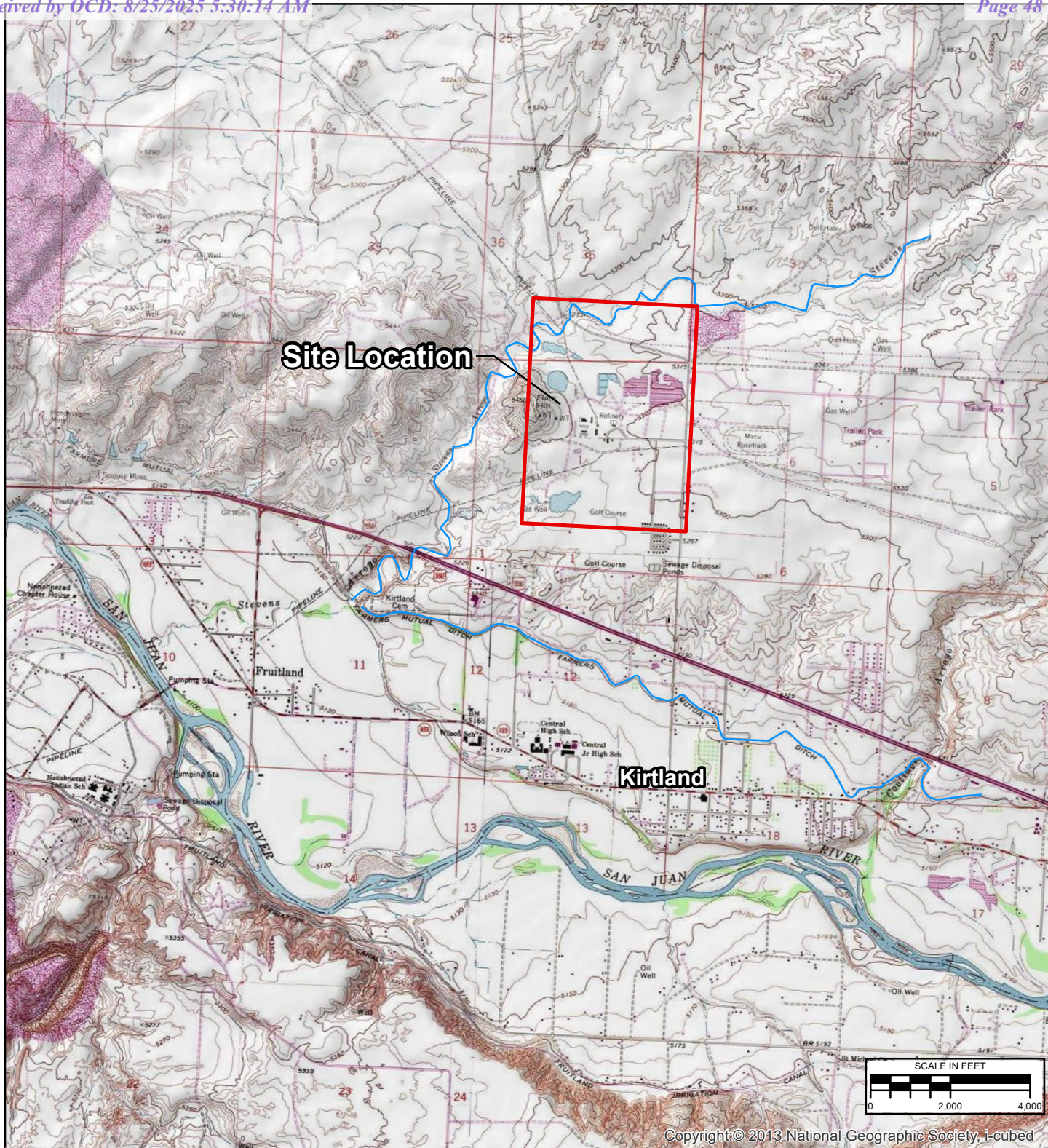
LNAPL = Light Non-Aqueous Phase Liquids

mg/L = milligram(s) per liter

NMWQCC = New Mexico Water Quality Control Commission

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

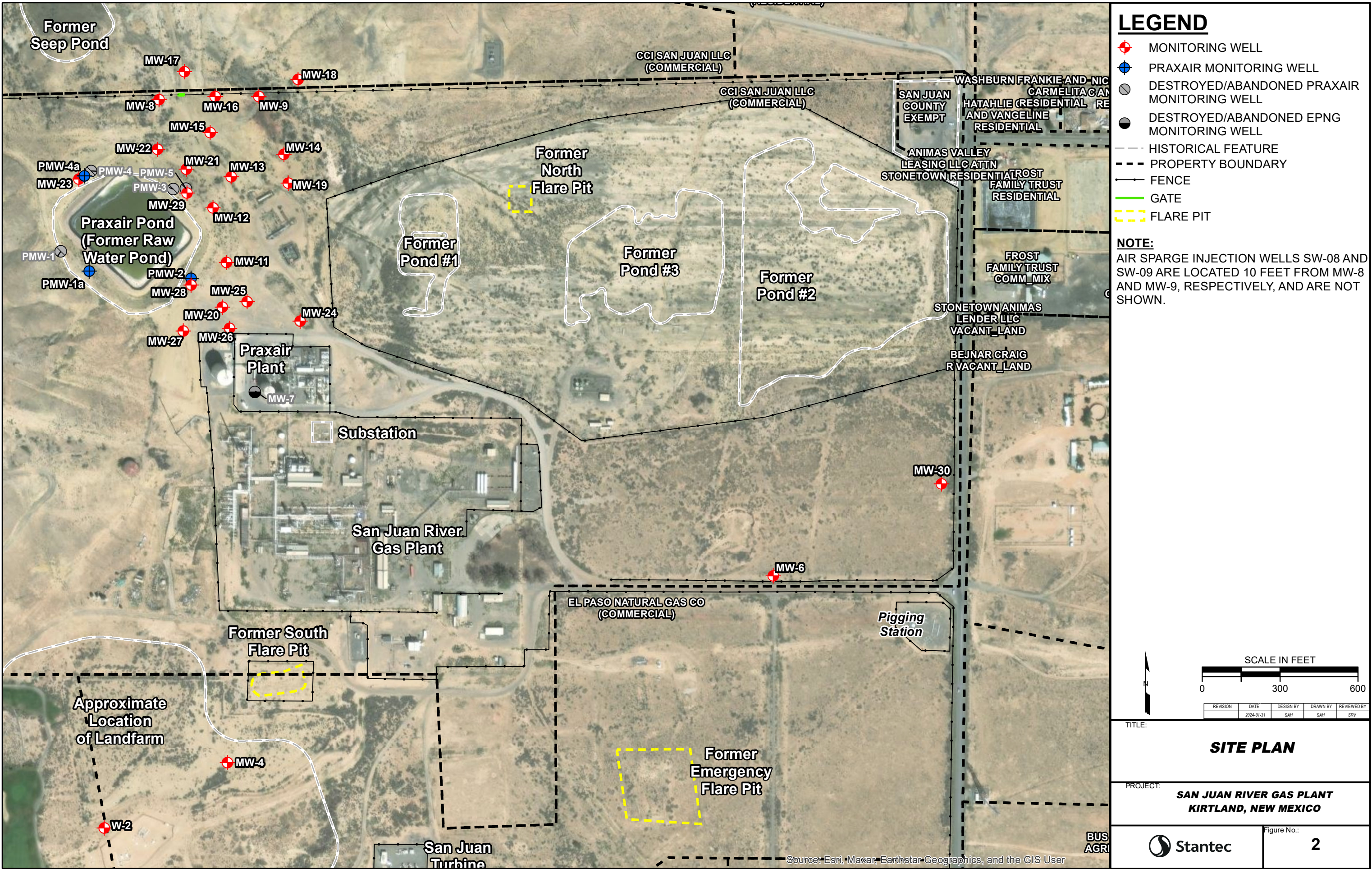
FIGURES



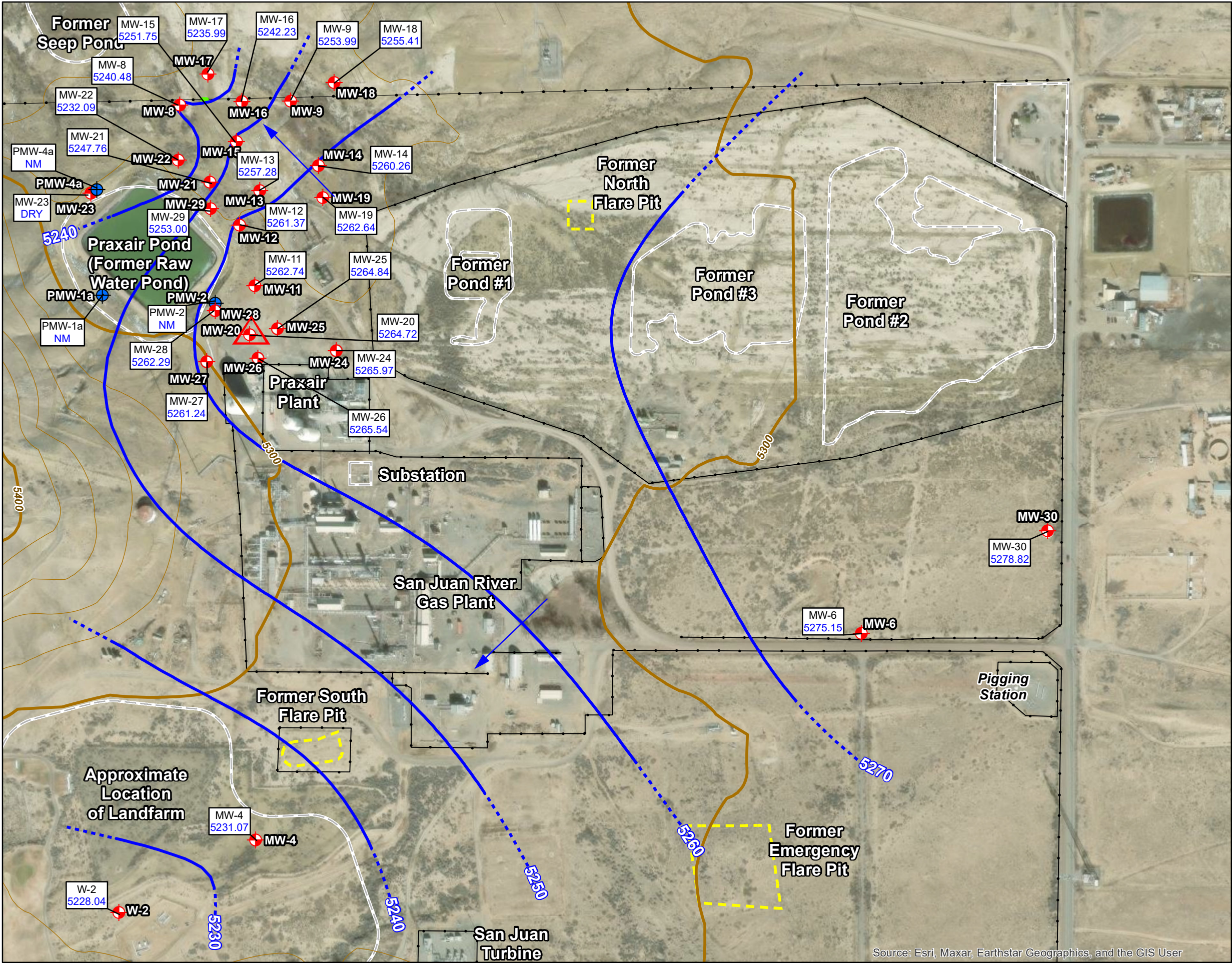
REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/9/2021	SLG	SLG	SRV

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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2023 MAPS\Figure2_SJRP_Site_Map.mxd



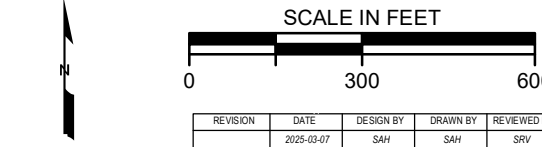
\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_3_SJRP_May2024_GECM.mxd



LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- GROUNDWATER ELEVATION CORRECTED FOR PRODUCT THICKNESS WHERE PRESENT (FEET ABOVE MEAN SEA LEVEL).
- 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 APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



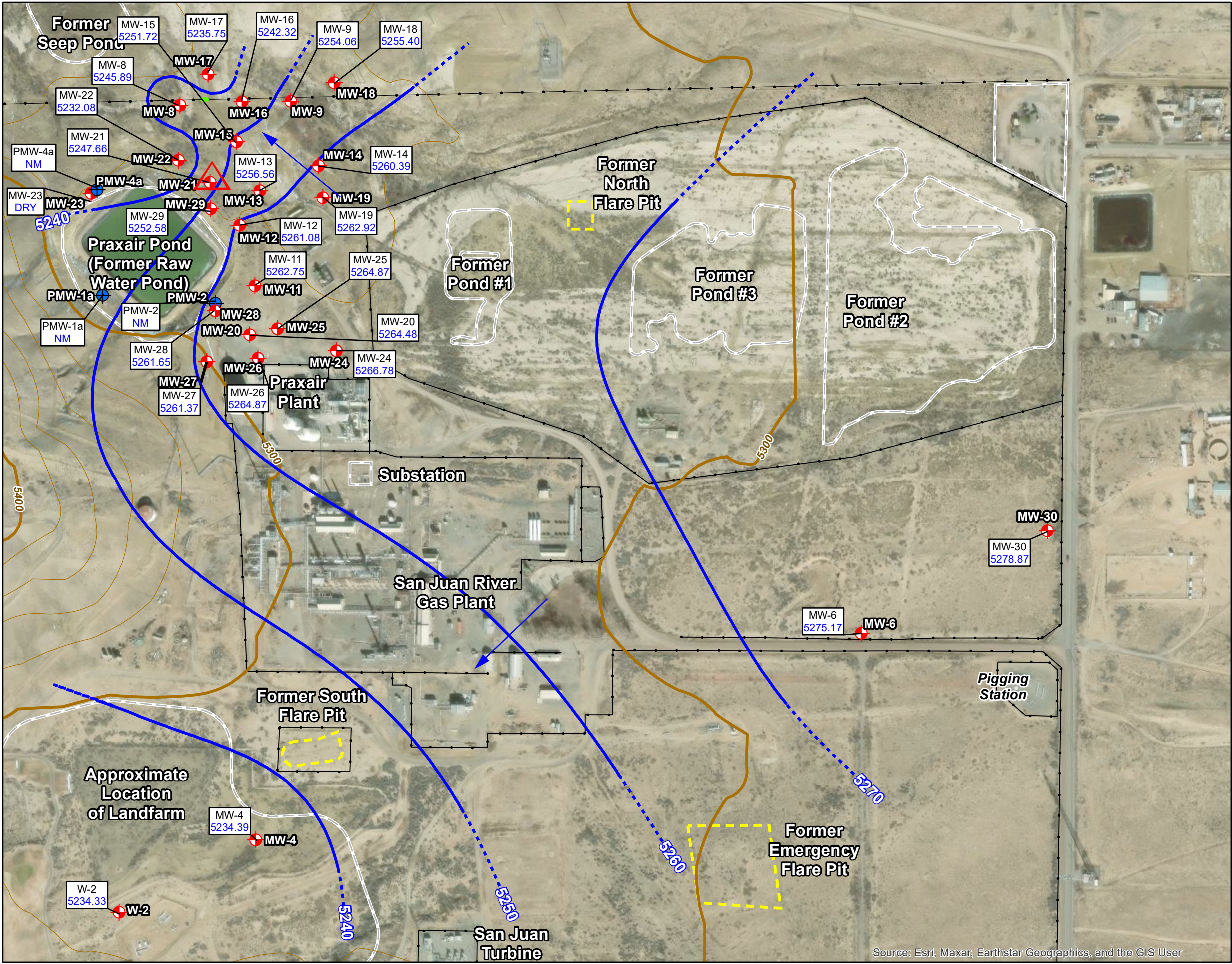
TITLE:
**GROUNDWATER ELEVATION MAP
MAY 13, 2024**

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

Stantec
Figure No.: **3**

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

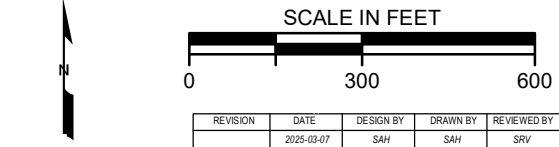
\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_4_SJRP_Nov2024_GECM.mxd



LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- GROUNDWATER ELEVATION CORRECTED FOR PRODUCT THICKNESS WHERE PRESENT (FEET ABOVE MEAN SEA LEVEL).
- 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 APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



TITLE:
**GROUNDWATER ELEVATION MAP
NOVEMBER 5, 2024**

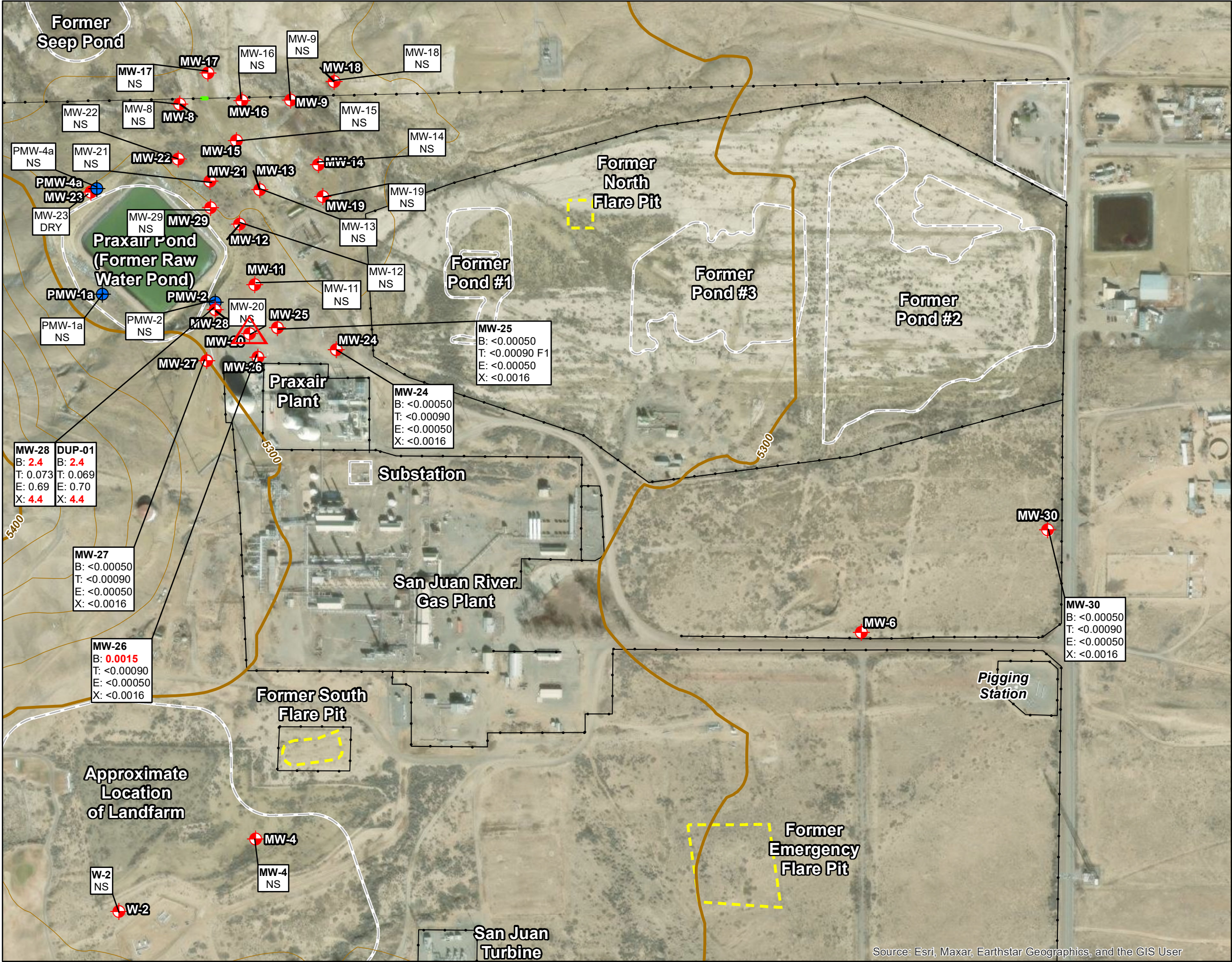
PROJECT:
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Figure No.:
4



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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_5_SJRP_May2024_GARM_BTEX.mxd



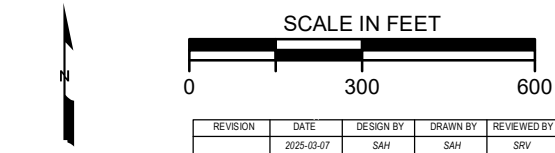
LEGEND

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

NOTE:
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES:
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

APPLICABLE STANDARDS:	
ANALYTE	NMWWCC 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



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
BTEX CONSTITUENTS
MAY 15, 2024**

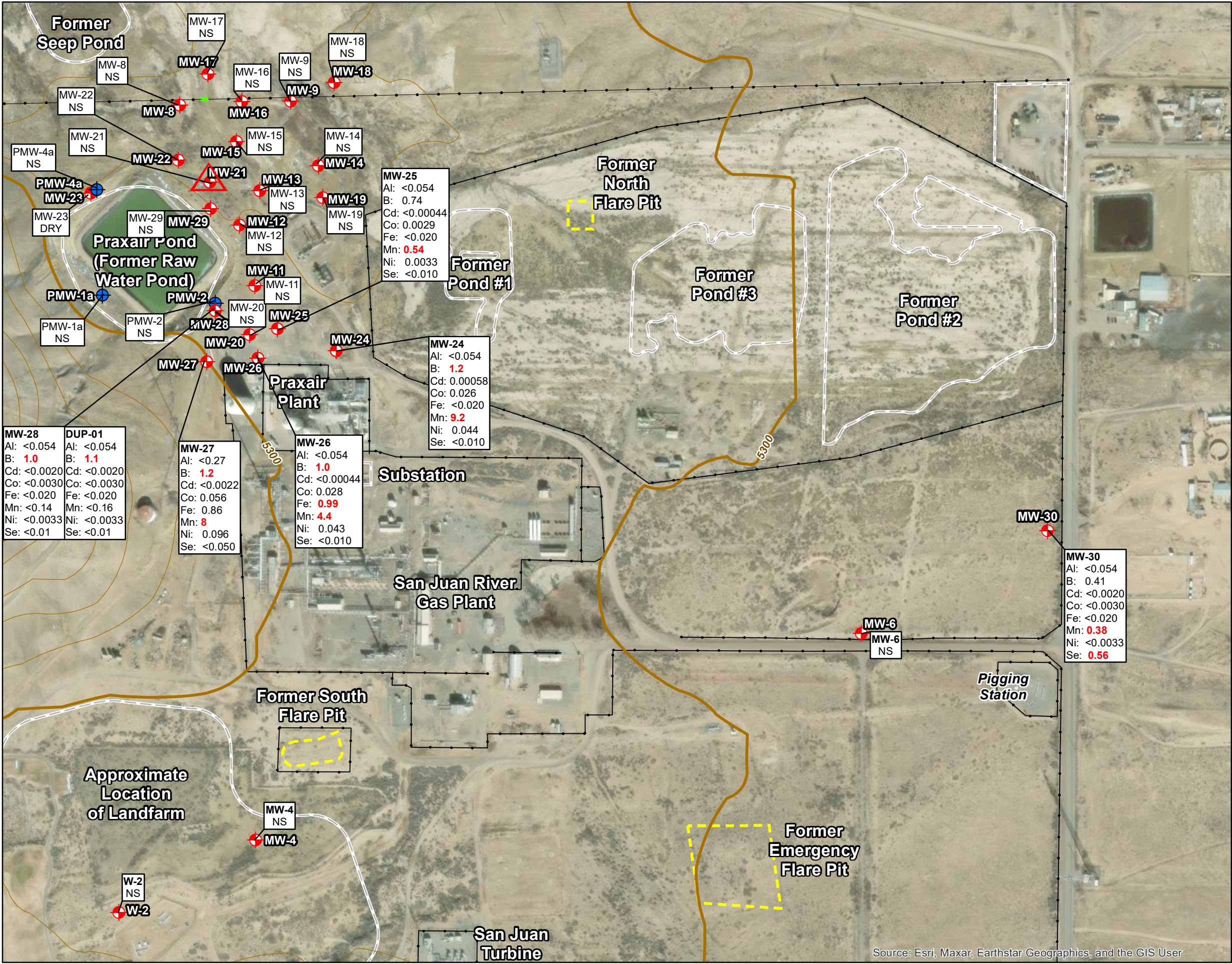
PROJECT:
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**



Figure No.:
5

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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXD\San Juan River Gas Plant\2024 MAPS\Figure_6_SJRP_May2024_GARM_DissMetals.mxd



LEGEND

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

NOTE:
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES:
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
^ = CONTINUING CALIBRATION VERIFICATION (CCV) IS OUTSIDE ACCEPTANCE LIMITS, LOW BIASED.
^+ = CONTINUING CALIBRATION VERIFICATION (CCV) IS OUTSIDE ACCEPTANCE LIMITS, HIGH BIASED.
B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

APPLICABLE STANDARDS:

ANALYTE	NMWCQC 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

TITLE:

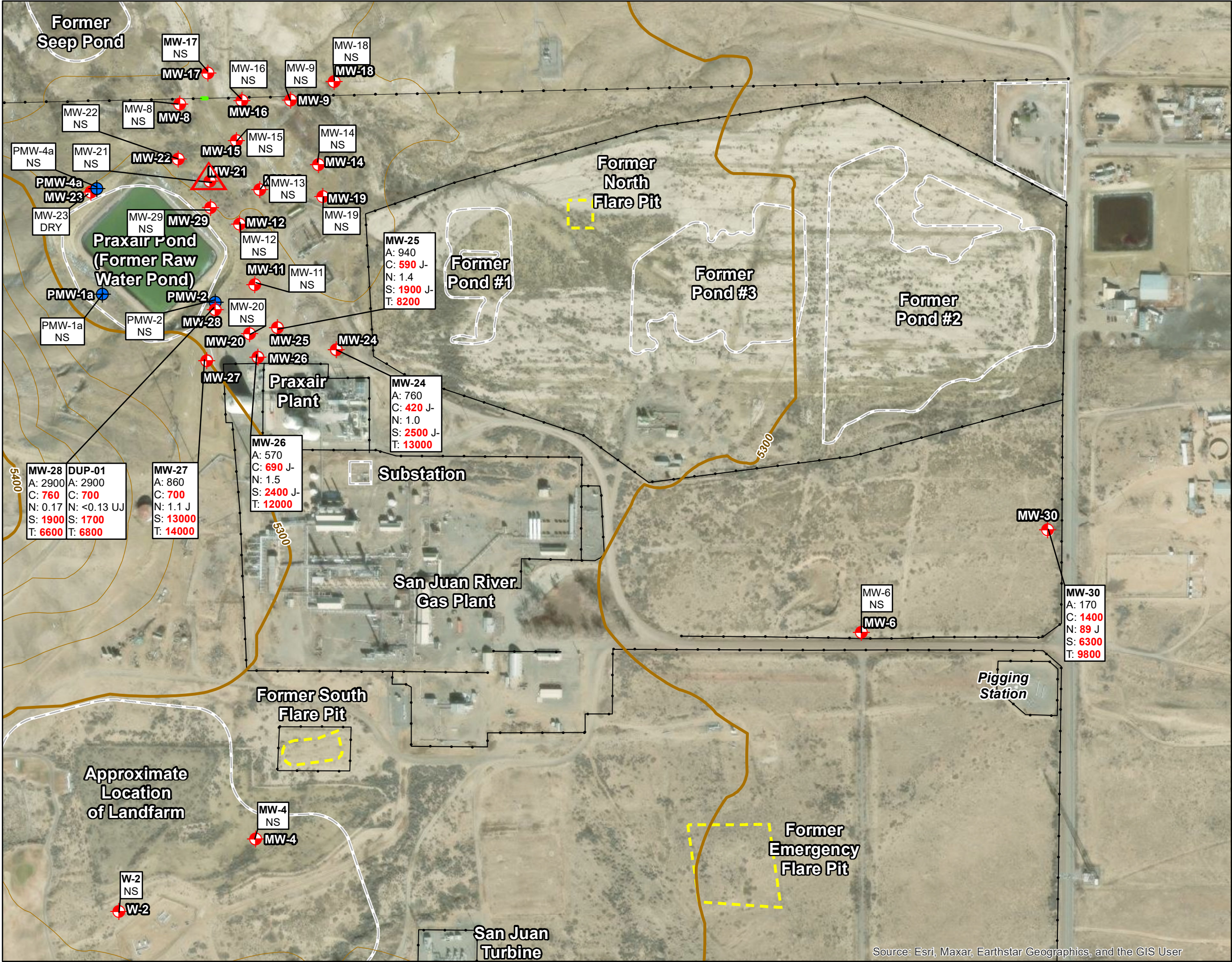
**GROUNDWATER ANALYTICAL RESULTS
DISSOLVED METALS
MAY 15 & 20, 2024**

PROJECT:

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

Figure No.:
6

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_7_SJRP_May2024_GARM_Inorganics.mxd



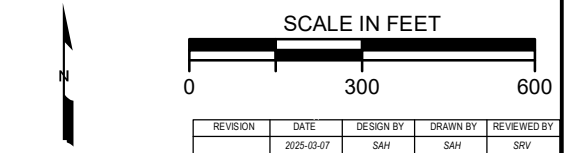
LEGEND

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

NOTE:
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES:
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
^ = CONTINUING CALIBRATION VERIFICATION (CCV) IS OUTSIDE ACCEPTANCE LIMITS, LOW BIASED.
^+ = CONTINUING CALIBRATION VERIFICATION (CCV) IS OUTSIDE ACCEPTANCE LIMITS, HIGH BIASED.
B = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

APPLICABLE STANDARDS:	
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



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
INORGANICS
MAY 15 & 20, 2024**

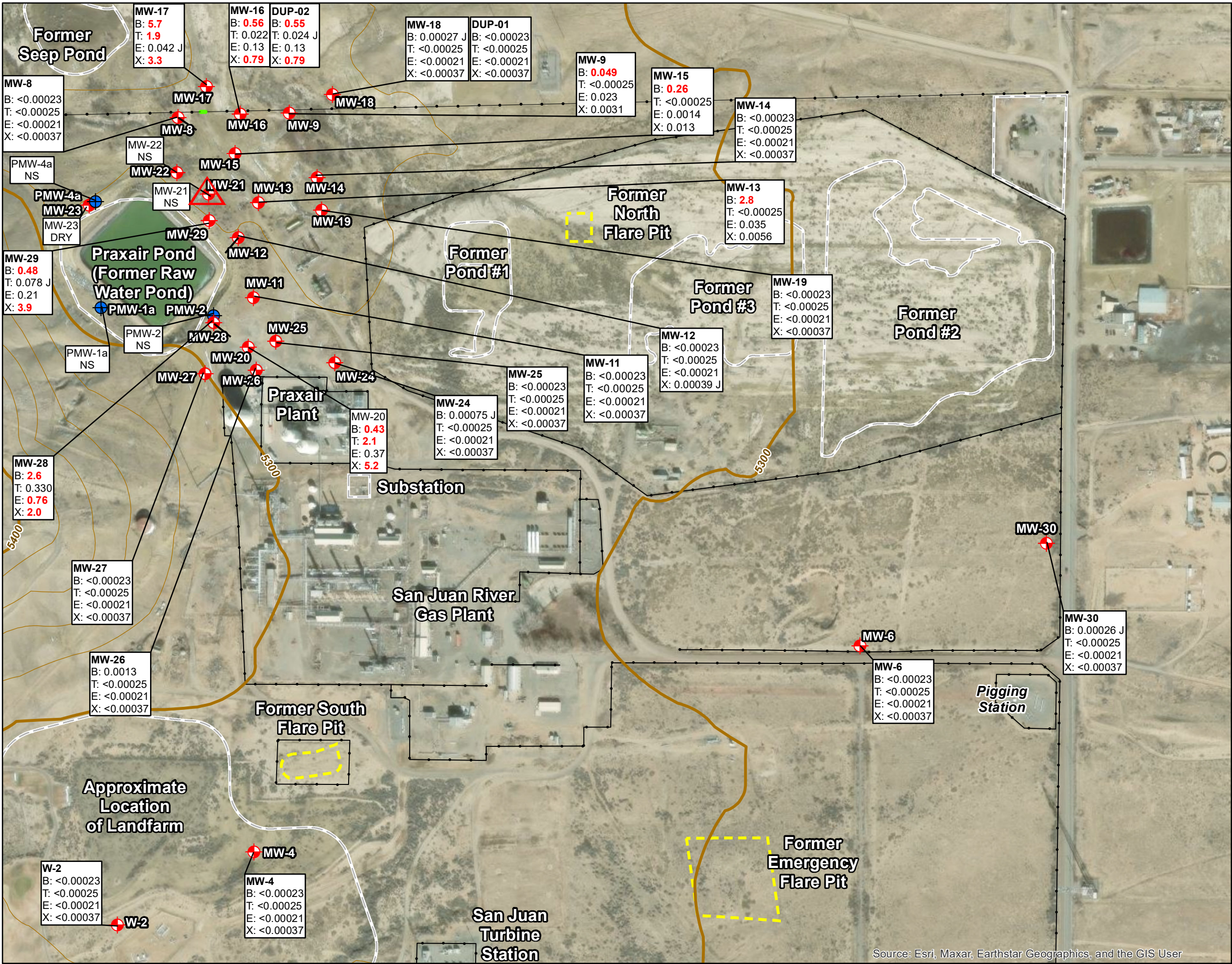
PROJECT:
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Figure No.:
7



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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXD\San Juan River Gas Plant\2024 MAPS\Figure_8_SJRP_Nov2024_GARM_BTEx.mxd



LEGEND

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

NOTE:

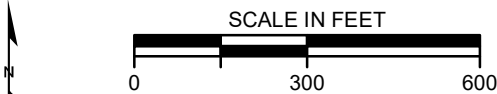
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
BAILER = BAILER USED DUE TO LOW SAMPLE VOLUME IN WELL

EXPLANATION OF ANALYTES:

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

APPLICABLE STANDARDS:

ANALYTE	NMWWCC 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



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-03-07	SAH	SAH	SRV

TITLE:
**GROUNDWATER ANALYTICAL RESULTS
BTEX CONSTITUENTS
NOVEMBER 5, 2024**

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

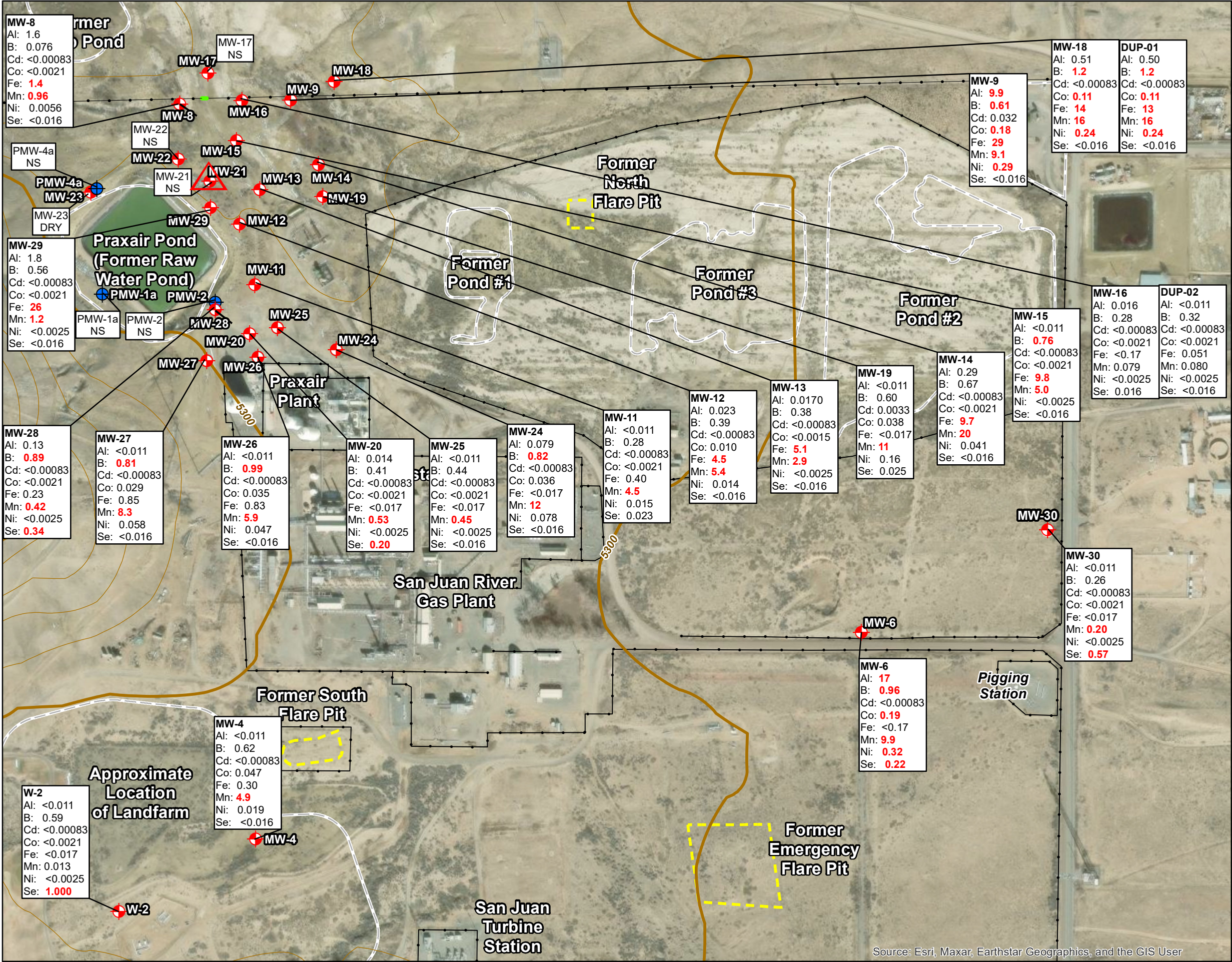


Figure No.:

8

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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_9_SJRP_Nov2024_GARM_DissMetals.mxd



LEGEND

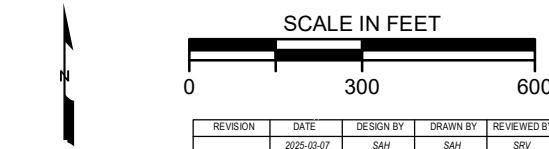
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- PRAXAIR MONITORING WELL
- HISTORICAL FEATURE
- FENCE
- GATE
- FLARE PIT
- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET

NOTE:
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES:
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

APPLICABLE STANDARDS:

ANALYTE	NMWQCC 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



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
DISSOLVED METALS
NOVEMBER 7, 2024**

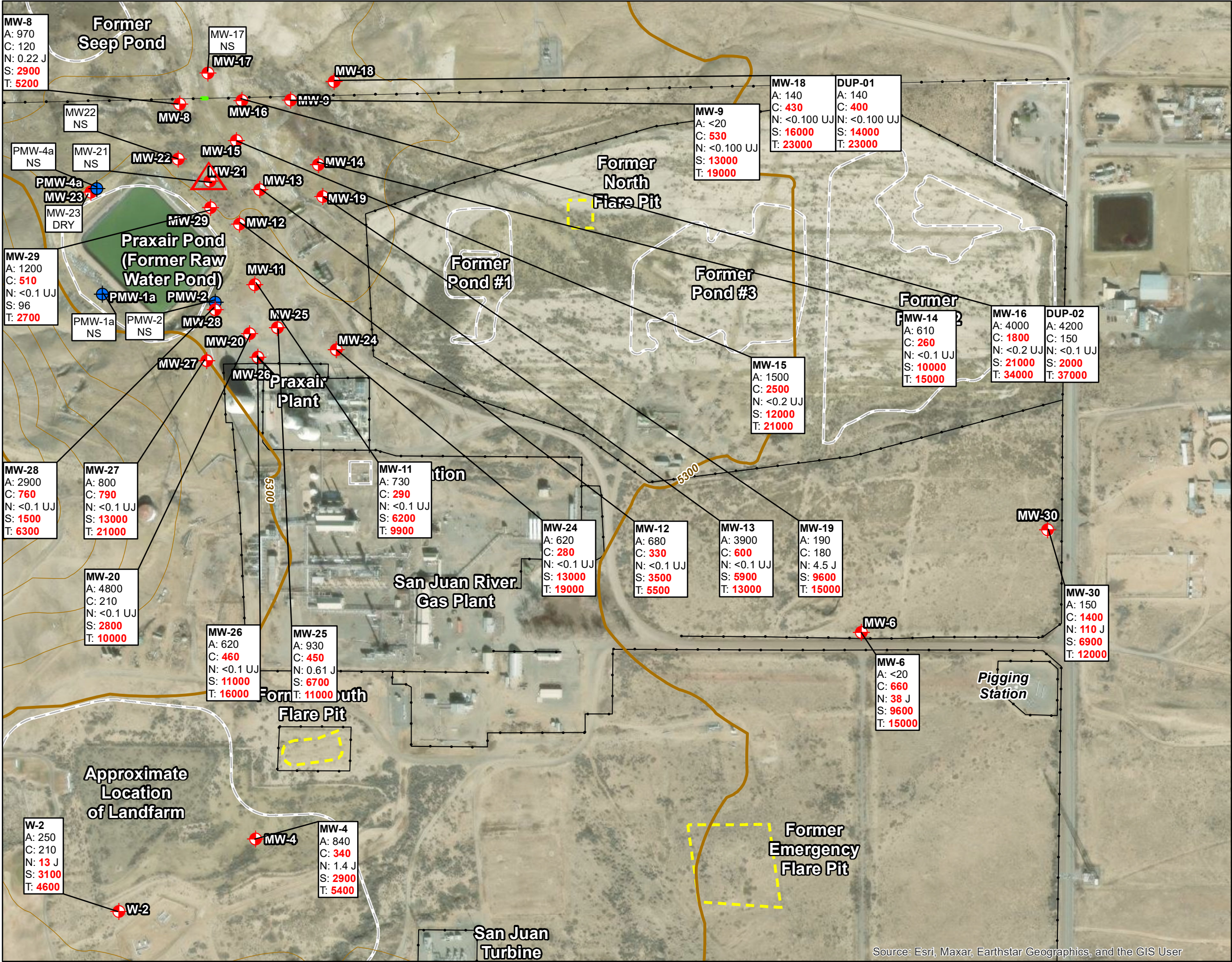
PROJECT:
**SAN JUAN RIVER GAS PLANT
KIRTLAND, NEW MEXICO**

Stantec

Figure No.:
9

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

\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\San Juan River Gas Plant\2024 MAPS\Figure_10_SJRP_Nov2024_GARM_Inorganics.mxd



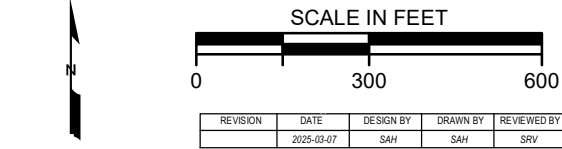
LEGEND

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

NOTE:
MW-23 WAS FOUND TO BE DRY AT APPROXIMATELY 57.9 FEET BELOW TOP OF CASING.
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES:
RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
J = INDICATES ESTIMATED CONCENTRATION INDETERMINATE BIAS
UJ = THE ANALYTE WAS ANALYZED FOR, BUT NOT DETECTED DUE TO A QUALITY CONTROL DEFICIENCY DURING DATA VALIDATION. THE VALUE REPORTED MAY NOT ACCURATELY REFLECT THE SAMPLE QUANTITATION LIMIT.
mg/L = MILLIGRAMS PER LITER
<1 = BELOW METHOD DETECTION LIMIT

APPLICABLE STANDARDS:	
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



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
INORGANICS
NOVEMBER 7, 2024**

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

Figure No.:
10

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

APPENDICES

APPENDIX A

NMOCD Notification of Site Activities

From: OCDOnline@state.nm.us
To: [Varsa, Steve](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 324476
Date: Tuesday, March 19, 2024 2:02:06 AM

You don't often get email from ocdonline@state.nm.us. [Learn why this is important](#)

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAUTOfRM000157.

The sampling event is expected to take place:

When: 03/25/2024 @ 13:00

Where: G-01-29N-15W 0 FNL 0 FEL (36.758323,-108.367358)

Additional Information: Sean Clary - 913-980-0281. Quarterly LNAPL recovery activities - no sampling for laboratory analysis planned.

Additional Instructions: 99 Rd 6500, Kirtland, NM

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

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

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

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

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

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

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

From: [Varsa, Steve](#)
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming groundwater sampling and product recovery activities
Date: Thursday, May 9, 2024 5:06:07 PM

This correspondence is to provide notice to the NMOCD of planned groundwater sampling and product recovery activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The site activities are to occur on May 14, 2024.

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

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: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Bratcher, Michael, EMNRD](#); [Buchanan, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: San Juan River Plant (nAUTOfRM000157) - Notice of Upcoming Activities
Date: Wednesday, August 14, 2024 8:19:15 PM

On behalf of El Paso Natural Gas Company (EPNG), Stantec is planning to complete LNAPL recovery testing activities using mobile dual-phase extraction (MDPE) methods at the subject site on August 19 and 20, 2024. The LNAPL recovery testing activities will be conducted for 24 hours from monitoring well MW-29. Stantec's contractor, CalClean, utilizes an onboard thermal oxidizer to reduce emissions which will be evaluated through Summa sampling. Otherwise, the MDPE testing methods to be utilized will be similar to those conducted at the Site on August 20, 2020, as summarized in the 2020 Annual Report for the subject site.

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

From: [Varsa, Steve](#)
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Buchanan, Michael, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso Natural Gas Company - San Juan River Gas Plant, Kirkland (Incident Number NAUTOFRM000157) - notice of upcoming groundwater sampling and product recovery activities
Date: Monday, October 28, 2024 11:22:25 AM

This correspondence is to provide notice to the NMOCD of planned groundwater sampling and product recovery activities at the above-referenced El Paso Natural Gas Company (EPNG) site. The site activities are to occur on November 4 and 7, 2024.

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

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APPENDIX B

Waste Disposal Documentation



Bill of Lading

DATE 03/29/24 JOB # 14073-0090

DATE 03/29/24 JOB # 14073-0090

[illegible]

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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

Released to Imaging: 9/30/2025 8:47:18 AM

BOL# 84350

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 3-29-24 TIME 1000

Attach test strip here

CUSTOMER EL PASOSITE San Juan River Cross PlantDRIVER X Austin FortzSAMPLE Soil Straight _____ With Dirt XCHLORIDE TEST -261 mg/KgACCEPTED YES X NO _____PAINT FILTER TEST Time started 1000 Time completed 1012PASS YES X NO _____SAMPLER/ANALYST Cary Robinson



Bill of Lading

MANIFEST # 85183

GENERATOR EL PASO

POINT OF ORIGIN S.J. River Gas Plant

TRANSPORTER Envirotech

DATE 05/21/24 JOB # 14073-0090

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# 85183

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05/21/24 TIME 0945 Attach test strip hereCUSTOMER EL PASOSITE San Juan River Gas PlantDRIVER [Signature]SAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST 393 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 0945 Time completed 0959PASS YES ☒ NO ☐SAMPLER/ANALYST [Signature]

APPENDIX C

CalClean SVE Pilot Testing Report

CALCLEAN INC.

"A Partner in Protecting America's Waters"

February 14, 2025

Stantec
11311 Aurora Avenue
Des Moines, IA 50322

ATTN: MR. STEVE VARSA

SITE: SAN JUAN RIVER PLANT
NEW MEXICO

RE: SOIL VAPOR EXTRACTION FEASIBILITY TESTING REPORT

Dear Mr. Varsa:

CalClean Inc. is submitting this SVE Feasibility Testing Extraction Report for the above referenced site. This report includes activities performed from August 20-21, 2024.

From August 20-21, 2024, CalClean performed a 1-day SVE Feasibility Testing extraction (SVE) event on one well (MW-29) using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower. The test comprised an approximately 24-hour test on well MW-29. This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone.

SVE Feasibility Testing was conducted using a high vacuum system that uses a 25-hp liquid ring blower for extraction and was configured to test one well at a time and not to draw down groundwater. This system can extract at a maximum vacuum of 29 inches of Hg and has a maximum capacity of 450 cfm. During the 1-day event, the SVE Feasibility Testing system was individually connected to well MW-29 - as directed by the consultant. Dilution air was added and gradually reduced to increase vacuum at the extraction well in steps. Approximately four steps were tested while the vapor flow rates were measured.

Total Inlet vapor samples were collected in Summa Canisters during the event. The laboratory results are listed in Table 1 and included in Attachment 1.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 1-day SVE Feasibility Testing event was 3.42 pounds. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 2.

No groundwater was recovered during the event.

Soil Vapor Extraction Feasibility Testing Report
San Juan River Plant, New Mexico
February 14, 2025

During the event, several monitoring points were measured for vacuum influence. The observation well readings (in "H2O) are included in the field data sheets in Attachment 2.

The following attachments are included to document the SVE Feasibility Testing event at the site:

Table 1	Results of Laboratory Analysis of Influent Vapor Samples
Table 2	Hydrocarbon Mass Removal (using Horiba Data)
Figure 1	Total Inlet HC Concentrations versus Time (1 Day, Using Horiba Data)
Figure 2	Cumulative HC Recovered over 1 Day (using Horiba Data)
Attachment 1	Laboratory Reports
Attachment 2	SVE Feasibility Testing Extraction Field Data Sheets

It has been a pleasure working with you on this project. If you have any questions regarding this data report, please contact us at (714) 936-2706.

Sincerely,

CALCLEAN INC.



Noel Sheno
Principal Engineer

Attachments

CalClean Inc.

Table 1
RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES
San Juan River Plant
New Mexico

Sample ID	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
TOTAL INLET	8/21/24 0820	550	3.2	18	2.4	29.3
Notes: ppmv = parts per million by volume TPH-G/BTEX analyzed by EPA TO-3M / TO-15 TPH - g = total petroleum hydrocarbons - gasoline						

CalClean Inc.

Table 2
HYDROCARBON MASS REMOVAL (Using Field Data)
San Juan River Plant, New Mexico

TIME	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
							System Vacuum (in of Hg)	Total System Inlet Flow (scfm)**	Influent Concentrations (ppmv)*	Effluent Concentrations (ppmv) *			
											(lbs)	(gal)	(Cumul. lbs)
8/20/2024 16:00							5	123	880		0.00	0.00	0.00
8/20/2024 16:30		Extraction in well MW-29					5	123	260		0.48	0.08	0.48
8/20/2024 17:00							14	71	236		0.16	0.03	0.64
8/20/2024 17:30							16	65	206		0.10	0.02	0.74
8/20/2024 18:00							19	31	267		0.08	0.01	0.82
8/20/2024 18:05							23	23	364		0.01	0.00	0.83
8/21/2024 8:00							23	23	825		2.59	0.41	3.42
									TOTAL HC RECOVERED		3.42	0.55	
									Total Groundwater Extracted			-	

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

gal = gallons

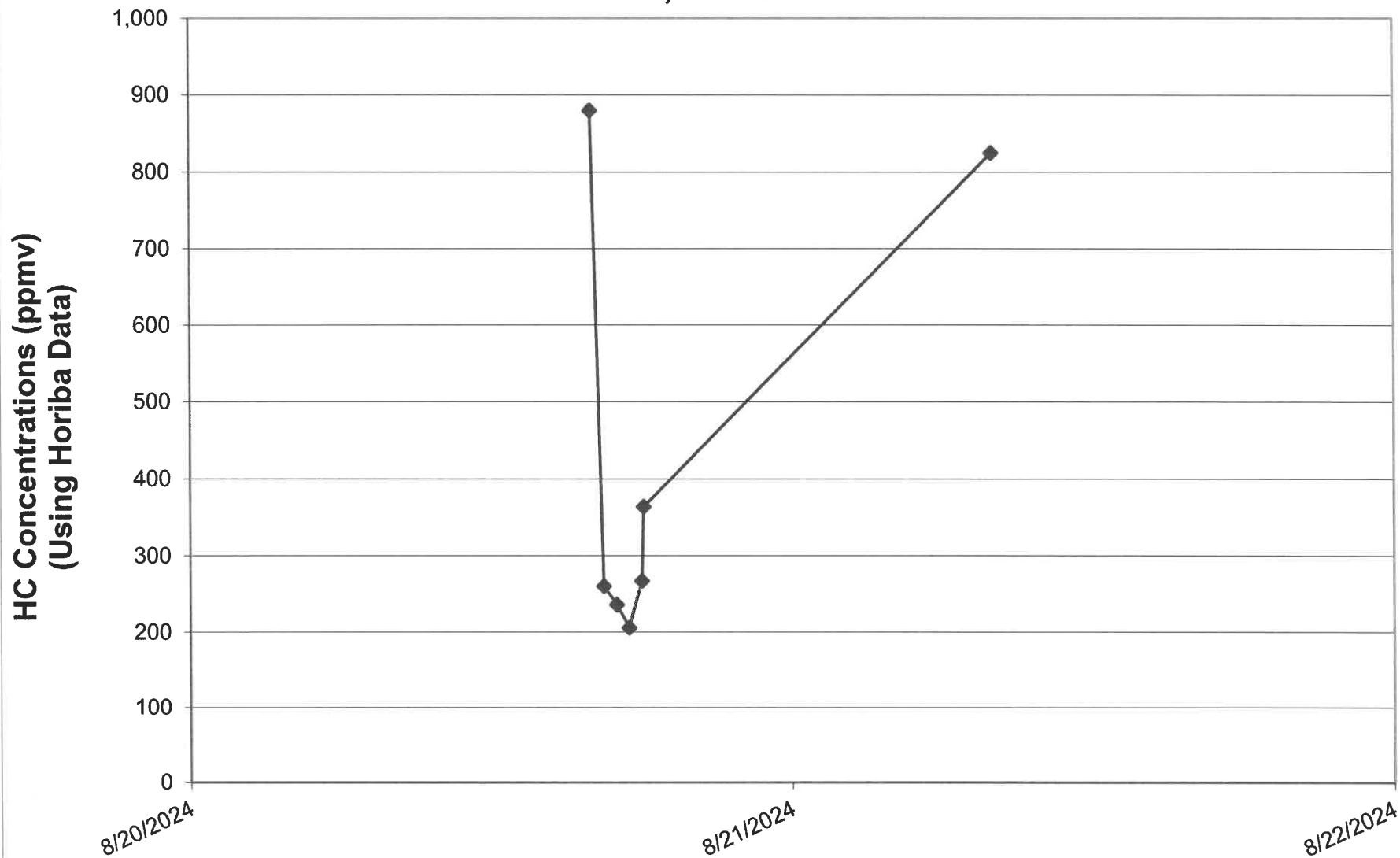
scfm = standard cubic feet per minute

lbs = pounds

* Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

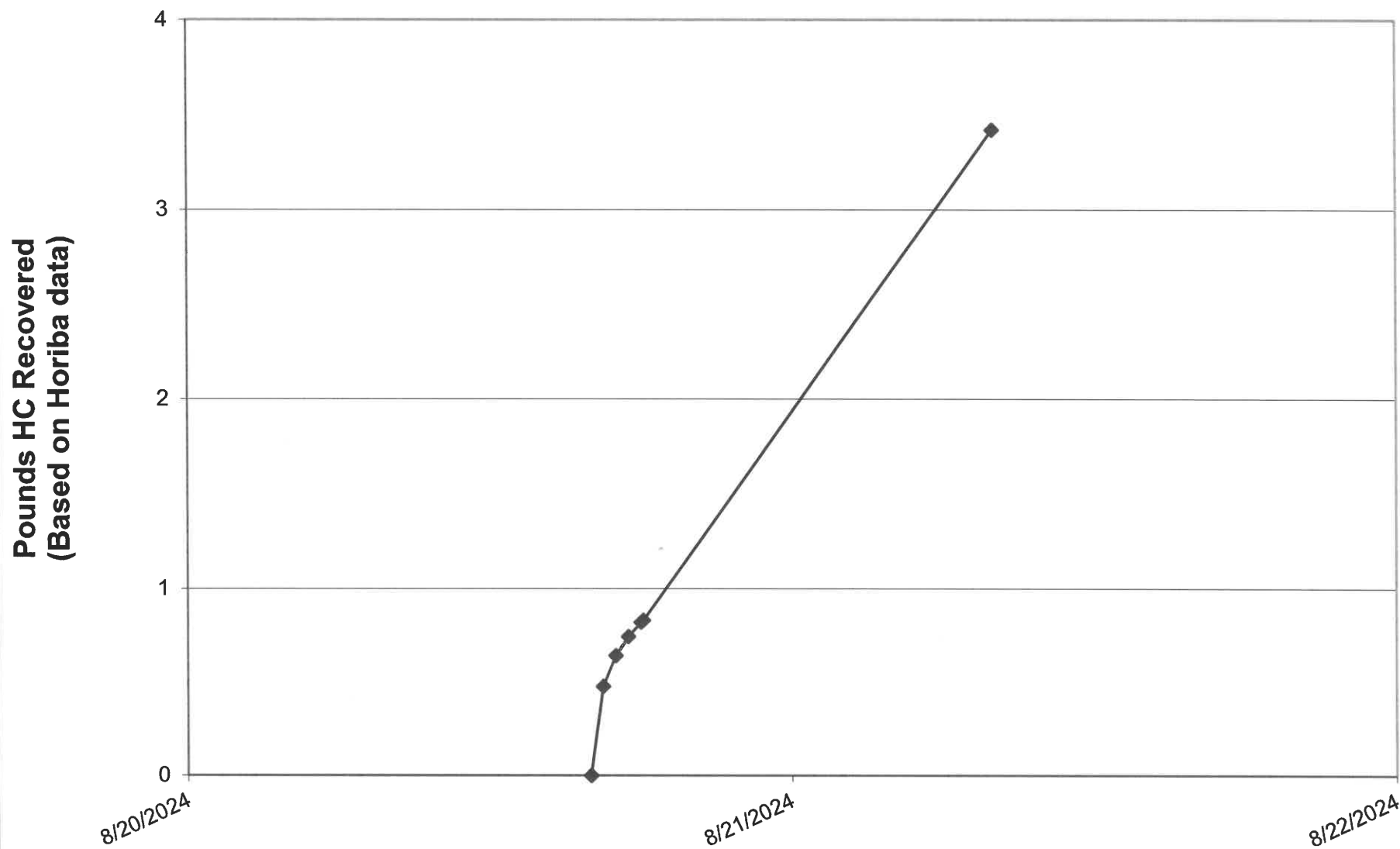
** Inlet flow measured through orifice tube and converted from acfm to reported scfm

Figure 1
Total Inlet HC Concentrations vs Time (1 Day)
San Juan River Plant, New Mexico - 8/20-21/24



CalClean Inc.

Figure 2
Cumulative HC Recovered Over 1 Day
San Juan River Plant, New Mexico - 8/20-21/24



CalClean Inc.

ATTACHMENT 1

LABORATORY REPORTS



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/28/2024 5:18:31 PM

JOB DESCRIPTION

San Juan River Plant

JOB NUMBER

400-261634-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.
Released to Imaging: 9/30/2025 5:47:18 PM

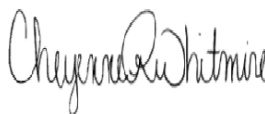
Eurofins Pensacola

Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
10/28/2024 5:18:31 PM

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

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

Laboratory Job ID: 400-261634-1

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Chain of Custody 5

Subcontract Data 6

Sample Summary

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

Job ID: 400-261634-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-261634-1	INF-08212024	Air	08/21/24 08:26	08/22/24 09:57
400-261634-2	EFF-08212024	Air	08/21/24 08:33	08/22/24 09:57

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180 Blue Ravine Rd. Suite B, Folsom, CA 95630
Phone (800) 985-6955; Fax (916) 351-8279

Analysis Request / Canister Chain of Custody

PID: _____ For Laboratory Use Only
Workorder #: 2408602

Click links below to view:
[Canister Sampling Guide](#)
[Helium Shroud Video](#)

Client: Stante Consulting PID: _____
Project Name: SIRP
Project Manager: Steve Vorse P.O.# _____
Sampler: SAH
Site Name: San Juan River Plant

Special Instructions/Notes:

Turnaround Time (Rush surcharges may apply)

Select TAT from drop down box

Lab ID	Sample Identification	Can #	Flow Controller #	Start Sampling Information		Stop Sampling Information		Initial (in Hg)	Final (in Hg)	Lab Use Only		Requested Analyses	
				Date	Time	Date	Time			Receipt	Final (psig) Gas: N ₂ / He	To-3	To-15
01A	INF-08212024 (SIRP)	N1897	2305	8/21/24	0820	8/21/24	0826	24	2.5			X	X
02A	EFF-08212024 (SIRP)	N12791	2311	8/21/24	0828	8/21/24	0833	20	3.0			X	X

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
	8/21/2024	0940	EARL	8/22/24	9:57
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time

Lab Use Only		
Shipper Name: <u>Fedex</u>	Custody Seals Intact?	Yes No <u>None</u>

Sample Transportation Notice: Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T Hotline (800) 467-4022



Air Toxics

8/29/2024

Ms. Isabel Enfinger

Eurofins Test America

3355 McLemore Dr.

Pensacola FL 32514

Project Name: SIRP

Project #:

Workorder #: 2408602A

Dear Ms. Isabel Enfinger

The following report includes the data for the above referenced project for sample(s) received on 8/22/2024 at Eurofins Air Toxics LLC.

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

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

Regards,

A handwritten signature in black ink that reads "Brian Whittaker". The signature is fluid and cursive, with the first name "Brian" and last name "Whittaker" clearly legible.

Brian Whittaker

Project Manager



Air Toxics

WORK ORDER #: 2408602A

Work Order Summary

CLIENT:	Ms. Isabel Enfinger Eurofins Test America 3355 McLemore Dr. Pensacola, FL 32514	BILL TO:	Ms. Isabel Enfinger Eurofins Test America 3355 McLemore Dr. Pensacola, FL 32514
PHONE:	850-471-6207	P.O. #	SIRP
FAX:		PROJECT #	SIRP
DATE RECEIVED:	08/22/2024	CONTACT:	Brian Whittaker
DATE COMPLETED:	08/29/2024		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	INF-08212024 (SIRP)	TO-15	10 "Hg	1.9 psi
02A	EFF-08212024 (SIRP)	TO-15	15.5 "Hg	1.9 psi
03A	Lab Blank	TO-15	NA	NA
03B	Lab Blank	TO-15	NA	NA
04A	CCV	TO-15	NA	NA
04B	CCV	TO-15	NA	NA
05A	LCS	TO-15	NA	NA
05AA	LCSD	TO-15	NA	NA
05B	LCS	TO-15	NA	NA
05BB	LCSD	TO-15	NA	NA

CERTIFIED BY:

Technical Director

DATE: 08/29/24

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2703122, NH NELAP-209223-B, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-12695, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-20

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

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

(916) 985-1000

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Air Toxics

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LABORATORY NARRATIVE**EPA Method TO-15****Eurofins Test America****Workorder# 2408602A**

Two 6 Liter Summa Canister samples were received on August 22, 2024. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

The Chain of Custody (COC) information for samples INF-08212024 (SIRP) and EFF-08212024 (SIRP) did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Sample EFF-08212024 (SIRP) was received with significant vacuum remaining in the canister. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

Dilution was performed on sample INF-08212024 (SIRP) due to the presence of high level target species.

Definition of Data Qualifying Flags

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

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

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

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

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

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: INF-08212024 (SIRP)

Lab ID#: 2408602A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	84	3200	270	10000
Toluene	84	18000	320	67000
Ethyl Benzene	84	2400	370	10000
m,p-Xylene	84	25000	370	110000
o-Xylene	84	4300	370	19000

Client Sample ID: EFF-08212024 (SIRP)

Lab ID#: 2408602A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.9	3.7	9.2
Ethyl Benzene	1.2	2.5	5.1	11
Toluene	2.3	14	8.8	55
m,p-Xylene	2.3	43	10	190
o-Xylene	1.2	8.8	5.1	38

- 1
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Air Toxics

Client Sample ID: INF-08212024 (SIRP)

Lab ID#: 2408602A-01A

EPA METHOD TO-15 GC/MS

File Name:	14082817	Date of Collection:	8/21/24 8:26:00 AM
Dil. Factor:	16.9	Date of Analysis:	8/29/24 09:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	84	3200	270	10000
Toluene	84	18000	320	67000
Ethyl Benzene	84	2400	370	10000
m,p-Xylene	84	25000	370	110000
o-Xylene	84	4300	370	19000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	118	70-130
4-Bromofluorobenzene	98	70-130

- 1
- 2
- 3
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Air Toxics

Client Sample ID: EFF-08212024 (SIRP)

Lab ID#: 2408602A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a082716	Date of Collection:	8/21/24 8:33:00 AM
Dil. Factor:	2.34	Date of Analysis:	8/27/24 09:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.9	3.7	9.2
Ethyl Benzene	1.2	2.5	5.1	11
Toluene	2.3	14	8.8	55
m,p-Xylene	2.3	43	10	190
o-Xylene	1.2	8.8	5.1	38

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

- 1
- 2
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Client Sample ID: Lab Blank
Lab ID#: 2408602A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a082708d	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/27/24 02:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

- 1
- 2
- 3
- 4
- 5



Client Sample ID: Lab Blank
Lab ID#: 2408602A-03B
EPA METHOD TO-15 GC/MS

File Name:	14082805d	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/28/24 07:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

- 1
- 2
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Client Sample ID: CCV
Lab ID#: 2408602A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a082703	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 10:22 AM

Compound	%Recovery
Benzene	92
Ethyl Benzene	102
Toluene	93
m,p-Xylene	101
o-Xylene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

- 1
- 2
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Client Sample ID: CCV

Lab ID#: 2408602A-04B

EPA METHOD TO-15 GC/MS

File Name:	14082802	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/28/24 06:35 PM

Compound	%Recovery
Benzene	107
Toluene	106
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

- 1
- 2
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Client Sample ID: LCS

Lab ID#: 2408602A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a082704	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 10:57 AM

Compound	%Recovery	Method Limits
Benzene	93	70-130
Ethyl Benzene	104	70-130
Toluene	92	70-130
m,p-Xylene	100	70-130
o-Xylene	100	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Client Sample ID: LCSD

Lab ID#: 2408602A-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a082705	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 11:32 AM

Compound	%Recovery	Method Limits
Benzene	93	70-130
Ethyl Benzene	104	70-130
Toluene	90	70-130
m,p-Xylene	98	70-130
o-Xylene	98	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

- 1
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Client Sample ID: LCS

Lab ID#: 2408602A-05B

EPA METHOD TO-15 GC/MS

File Name:	14082803	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/28/24 07:04 PM

Compound	%Recovery	Method Limits
Benzene	106	70-130
Toluene	102	70-130
Ethyl Benzene	106	70-130
m,p-Xylene	105	70-130
o-Xylene	104	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

- 1
- 2
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Client Sample ID: LCSD

Lab ID#: 2408602A-05BB

EPA METHOD TO-15 GC/MS

File Name:	14082804	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/28/24 07:27 PM

Compound	%Recovery	Method Limits
Benzene	108	70-130
Toluene	104	70-130
Ethyl Benzene	107	70-130
m,p-Xylene	105	70-130
o-Xylene	104	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

- 1
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Method : TO-15 (Sh)-BTEX only

CAS Number	Compound	Rpt. Limit (ppbv)
71-43-2	Benzene	0.50
100-41-4	Ethyl Benzene	0.50
108-88-3	Toluene	1.0
108-38-3	m,p-Xylene	1.0
95-47-6	o-Xylene	0.50

Surrogate		Method Limits
17060-07-0	1,2-Dichloroethane-d4	70-130
2037-26-5	Toluene-d8	70-130
460-00-4	4-Bromofluorobenzene	70-130



Air Toxics

8/29/2024

Ms. Isabel Enfinger

Eurofins Test America

3355 McLemore Dr.

Pensacola FL 32514

Project Name: SIRP

Project #:

Workorder #: 2408602B

Dear Ms. Isabel Enfinger

The following report includes the data for the above referenced project for sample(s) received on 8/22/2024 at Eurofins Air Toxics LLC.

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

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

Regards,

A handwritten signature in black ink that reads "Brian Whittaker". The signature is fluid and cursive, with the first name "Brian" and last name "Whittaker" clearly distinguishable.

Brian Whittaker

Project Manager



Air Toxics

WORK ORDER #: 2408602B

Work Order Summary

CLIENT:	Ms. Isabel Enfinger Eurofins Test America 3355 McLemore Dr. Pensacola, FL 32514	BILL TO:	Ms. Isabel Enfinger Eurofins Test America 3355 McLemore Dr. Pensacola, FL 32514
PHONE:	850-471-6207	P.O. #	SIRP
FAX:		PROJECT #	SIRP
DATE RECEIVED:	08/22/2024	CONTACT:	Brian Whittaker
DATE COMPLETED:	08/29/2024		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	INF-08212024 (SIRP)	Modified TO-3	10 "Hg	1.9 psi
02A	EFF-08212024 (SIRP)	Modified TO-3	15.5 "Hg	1.9 psi
03A	Lab Blank	Modified TO-3	NA	NA
04A	CCV	Modified TO-3	NA	NA
05A	LCS	Modified TO-3	NA	NA
05AA	LCSD	Modified TO-3	NA	NA

CERTIFIED BY:

Technical Director

DATE: 08/29/24

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2703122, NH NELAP-209223-B, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-12695, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-20

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

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

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

(916) 985-1000

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**LABORATORY NARRATIVE****Modified TO-3****Eurofins Test America****Workorder# 2408602B**

Two 6 Liter Summa Canister samples were received on August 22, 2024. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The TPH results are calculated using the response of Octane. A molecular weight of 114 is used to convert the TPH ppmv result to mg/m³. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system.

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

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

Receiving Notes

The Chain of Custody (COC) information for samples INF-08212024 (SIRP) and EFF-08212024 (SIRP) did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Sample EFF-08212024 (SIRP) was received with significant vacuum remaining in the canister. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

There were no analytical discrepancies.



Definition of Data Qualifying Flags

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

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

M - Reported value may be biased due to apparent matrix interferences.

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: INF-08212024 (SIRP)

Lab ID#: 2408602B-01A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (mg/m3)	Amount (mg/m3)
TPHg (C5-C10 ref. Octane)	1.7	550	7.9	2600

Client Sample ID: EFF-08212024 (SIRP)

Lab ID#: 2408602B-02A

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (mg/m3)	Amount (mg/m3)
TPHg (C5-C10 ref. Octane)	0.058	0.21	0.27	0.97

- 1
- 2
- 3
- 4
- 5



Air Toxics

Client Sample ID: INF-08212024 (SIRP)

Lab ID#: 2408602B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082708	Date of Collection:	8/21/24 8:26:00 AM
Dil. Factor:	67.6	Date of Analysis:	8/27/24 02:07 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (mg/m3)	Amount (mg/m3)
TPHg (C5-C10 ref. Octane)	1.7	550	7.9	2600

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	108	75-150

- 1
- 2
- 3
- 4
- 5



Air Toxics

Client Sample ID: EFF-08212024 (SIRP)

Lab ID#: 2408602B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082705	Date of Collection:	8/21/24 8:33:00 AM
Dil. Factor:	2.34	Date of Analysis:	8/27/24 12:00 PM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (mg/m3)	Amount (mg/m3)
TPHg (C5-C10 ref. Octane)	0.058	0.21	0.27	0.97

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	82	75-150

- 1
- 2
- 3
- 4
- 5



Client Sample ID: Lab Blank
Lab ID#: 2408602B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082703	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 10:25 AM

Compound	Rpt. Limit (ppmv)	Amount (ppmv)	Rpt. Limit (mg/m3)	Amount (mg/m3)
TPHg (C5-C10 ref. Octane)	0.025	Not Detected	0.12	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	81	75-150

- 1
- 2
- 3
- 4
- 5



Client Sample ID: CCV
Lab ID#: 2408602B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082701	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 09:12 AM

Compound	%Recovery
Octane	78

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	113	75-150

- 1
- 2
- 3
- 4
- 5



Client Sample ID: LCS

Lab ID#: 2408602B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082702	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 09:48 AM

Compound	%Recovery	Method Limits
Octane	85	75-125

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	84	75-150

- 1
- 2
- 3
- 4
- 5



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2408602B-05AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	d082710	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/27/24 03:38 PM

Compound	%Recovery	Method Limits
Octane	104	75-125

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	84	75-150

- 1
- 2
- 3
- 4
- 5



Method : Modified TO-3 (Sp)-TPHg (C5-C10 ref.to Octane)

CAS Number	Compound	Rpt. Limit (ppmv)
9999-9999-556	TPHg (C5-C10 ref. Octane)	0.025

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

CalClean Inc.

ATTACHMENT 2

**HIGH VACUUM VAPOR EXTRACTION SYSTEM
FIELD DATA SHEETS**

FIELD DATA SHEET

(714) 936-2706

Date: 8 / 20 / 2024 Page 1 of 1

Operator (s): Dennis Cummings

2467460

[illegible]

Comments: 8/20/24 @ 1100 hrs start the test for consultant @ 1805 dropping Hinge 'I' into depth 10 water @ 34', 8/21/24 @ 0800 took stack reading (OPMU), top Line's Reading, consultant took vapor samples, @ 0845 shot down in

SVE or

DPE

FIELD DATA SHEET

CALCLEAN INC.

1 (714) 936-2706

Project Location: SAN JUAN RIVER BASIN

City: NEAR FARMINGTON

Site #: **SAN JUAN RIVER PLANT**

Date: 8/20/2024 Page 1 of 1

Client:

Operator (s):

Discussion

OBSERVATION WELLS

[illegible]

Comments: 8/20/24

APPENDIX D

Groundwater Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/9/2024 5:45:14 PM

JOB DESCRIPTION

KM - San Juan River Plant

JOB NUMBER

885-15001-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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12/9/2024 5:45:14 PM

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

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Laboratory Job ID: 885-15001-1

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Qualifiers

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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery 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.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

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

Case Narrative

Client: Stantec Consulting Services, Inc.
Project: KM - San Juan River Plant

Job ID: 885-15001-1

Job ID: 885-15001-1

Eurofins Albuquerque

Job Narrative 885-15001-1

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

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

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

Receipt

The samples were received on 11/8/2024 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were -1.4°C, 0.1°C, 0.9°C and 1.1°C.

HPLC/IC

Method 300_OF_28D_PREC: The native samples, matrix spikes, and matrix spike duplicates (MS/MSD) associated with Analytical Batch 15635 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Sulfate and Chloride analytes in the MS/MSD were above the instrument calibration range. The data have been reported and qualified.

Method 300_OF_28D_NO3: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-15649 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_OF_28D_NO3: The following samples were diluted due to the nature of the sample matrix: W-2 (885-15001-2) and MW-16 (885-15001-10). 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.

Metals

Method 6010B - Dissolved: The continuing calibration verification (CCV) associated with batch 885-15710 recovered above the upper control limit for Zinc. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6010B - Dissolved: The continuing calibration verification (CCV) associated with batch 885-15710 recovered above the upper control limit for Barium, Chromium and Cobalt. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6010B - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-15985 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-15951 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A - Dissolved: The continuing calibration verification (CCV) associated with batch 885-17125 recovered above the upper control limit for Selenium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 7470A - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-15704 and analytical batch 885-16843 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Eurofins Albuquerque

Case Narrative

Client: Stantec Consulting Services, Inc.
Project: KM - San Juan River Plant

Job ID: 885-15001-1

Job ID: 885-15001-1 (Continued)

Eurofins Albuquerque

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

General Chemistry

Method 2320B: Temperatures of samples and QC varied by up to 2.8 degrees C, while the method requires no more than 2 degrees C difference. Scanned bench sheet contains temperature data for reference.

MW-13 (885-15001-8), MW-16 (885-15001-10), MW-20 (885-15001-22), DUP-02 (885-15001-25), (LCS 885-16270/2) and (MB 885-16270/1)

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: W-2 (885-15001-2), MW-27 (885-15001-4), MW-12 (885-15001-7), MW-18 (885-15001-18) and DUP-01 (885-15001-24). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: W-2

Lab Sample ID: 885-15001-2

Date Collected: 11/07/24 08:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		50	25 mg/L			11/09/24 12:11	100
Nitrate	13000		1000	200 ug/L			11/09/24 19:41	10
Nitrite	<120		1000	120 ug/L			11/09/24 19:41	10
Sulfate	3100		50	25 mg/L			11/09/24 12:11	100
Nitrate Nitrite as N	13000		2000	220 ug/L			11/09/24 19:41	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 08:25	1
Barium	0.0062	J	0.020	0.00074 mg/L			11/11/24 08:25	1
Boron	0.59		0.040	0.0060 mg/L			11/11/24 08:25	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:25	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:25	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/11/24 08:25	1
Iron	<0.017		0.020	0.017 mg/L			11/11/24 08:25	1
Manganese	0.013		0.0020	0.00032 mg/L			11/11/24 08:25	1
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:25	1
Silver	0.0053		0.0050	0.0012 mg/L			11/11/24 08:25	1
Zinc	0.0067	J	0.020	0.0049 mg/L			11/11/24 08:25	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	F1	0.020	0.010 mg/L			11/22/24 20:40	20
Copper	1.0	F1	0.020	0.010 mg/L			11/22/24 20:40	20
Lead	1.0	F1	0.020	0.010 mg/L			11/22/24 20:40	20
Selenium	1.0	F1	0.020	0.016 mg/L			11/22/24 20:40	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00013	0.000080 mg/L		11/11/24 12:34	11/18/24 11:42	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4600	E	100	50 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	250		20	20 mg/L			11/12/24 16:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	250		20	20 mg/L			11/12/24 16:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 16:58	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-4

Lab Sample ID: 885-15001-3

Date Collected: 11/07/24 08:40

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		50	25 mg/L			11/09/24 12:24	100
Nitrate	1400		500	100 ug/L			11/18/24 21:22	5
Nitrite	<58		500	58 ug/L			11/18/24 21:22	5
Sulfate	2900		50	25 mg/L			11/09/24 12:24	100
Nitrate Nitrite as N	1400		1000	110 ug/L			11/18/24 21:22	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 08:30	1
Barium	0.0032	J	0.020	0.00074 mg/L			11/11/24 08:30	1
Boron	0.62		0.040	0.0060 mg/L			11/11/24 08:30	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:30	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:30	1
Cobalt	0.047		0.0060	0.0021 mg/L			11/11/24 08:30	1
Iron	0.30		0.020	0.017 mg/L			11/11/24 08:30	1
Manganese	4.9		0.020	0.0032 mg/L			11/11/24 08:33	10
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:30	1
Silver	0.0056		0.0050	0.0012 mg/L			11/11/24 08:30	1
Zinc	0.026		0.020	0.0049 mg/L			11/11/24 08:30	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 20:44	20
Copper	0.014	J	0.020	0.010 mg/L			11/22/24 20:44	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 20:44	20
Selenium	<0.016		0.020	0.016 mg/L			11/22/24 20:44	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00013	0.000080 mg/L		11/11/24 12:34	11/18/24 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5200		250	130 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	840		20	20 mg/L			11/12/24 17:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	840		20	20 mg/L			11/12/24 17:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 17:11	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-27

Lab Sample ID: 885-15001-4

Date Collected: 11/07/24 09:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		50	25 mg/L			11/09/24 13:05	100
Nitrate	<100		500	100 ug/L			11/18/24 21:33	5
Nitrite	<58		500	58 ug/L			11/18/24 21:33	5
Sulfate	13000		250	130 mg/L			11/18/24 20:31	500
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 21:33	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 08:35	1
Barium	0.0067	J	0.020	0.00074 mg/L			11/11/24 08:35	1
Boron	0.81		0.040	0.0060 mg/L			11/11/24 08:35	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:35	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:35	1
Cobalt	0.029		0.0060	0.0021 mg/L			11/11/24 08:35	1
Iron	0.85		0.020	0.017 mg/L			11/11/24 08:35	1
Manganese	8.3		0.020	0.0032 mg/L			11/11/24 08:38	10
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:35	1
Silver	0.0084		0.0050	0.0012 mg/L			11/11/24 08:35	1
Zinc	0.018	J	0.020	0.0049 mg/L			11/11/24 08:35	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 20:48	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 20:48	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 20:48	20
Selenium	<0.016		0.020	0.016 mg/L			11/22/24 20:48	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00013	0.000080 mg/L		11/11/24 12:34	11/18/24 11:47	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	21000	E	500	250 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	800		20	20 mg/L			11/12/24 17:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	800		20	20 mg/L			11/12/24 17:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 17:46	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-28

Lab Sample ID: 885-15001-5

Date Collected: 11/07/24 09:30

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	760		50	25 mg/L			11/09/24 14:00	100
Nitrate	<100		500	100 ug/L			11/18/24 21:43	5
Nitrite	<58		500	58 ug/L			11/18/24 21:43	5
Sulfate	1500		50	25 mg/L			11/09/24 14:00	100
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 21:43	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.013	J	0.020	0.011 mg/L			11/11/24 08:51	1
Barium	0.019	J	0.020	0.00074 mg/L			11/11/24 08:51	1
Boron	0.89		0.040	0.0060 mg/L			11/11/24 08:51	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:51	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:51	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/11/24 08:51	1
Iron	0.23		0.20	0.17 mg/L			11/11/24 08:40	10
Manganese	0.42		0.0020	0.00032 mg/L			11/11/24 08:51	1
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:51	1
Silver	0.0028	J	0.0050	0.0012 mg/L			11/11/24 08:51	1
Zinc	<0.0049	^+	0.020	0.0049 mg/L			11/11/24 08:51	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 21:19	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:19	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:19	20
Selenium	0.34		0.020	0.016 mg/L			12/05/24 12:50	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6300		250	130 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	2900		50	50 mg/L			11/18/24 18:28	2.5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	2900		50	50 mg/L			11/18/24 18:28	2.5
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	5.0 mg/L			11/18/24 18:28	2.5

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-11

Lab Sample ID: 885-15001-6

Date Collected: 11/07/24 09:55

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		50	25 mg/L			11/09/24 14:27	100
Nitrate	<100		500	100 ug/L			11/18/24 21:53	5
Nitrite	<58		500	58 ug/L			11/18/24 21:53	5
Sulfate	6200		100	50 mg/L			11/18/24 20:41	200
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 21:53	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 08:53	1
Barium	0.0068	J	0.020	0.00074 mg/L			11/11/24 08:53	1
Boron	0.28		0.040	0.0060 mg/L			11/11/24 08:53	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:53	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:53	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/11/24 08:53	1
Iron	0.40		0.020	0.017 mg/L			11/11/24 08:53	1
Manganese	4.5		0.020	0.0032 mg/L			11/11/24 08:56	10
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:53	1
Silver	0.0072		0.0050	0.0012 mg/L			11/11/24 08:53	1
Zinc	0.014	J ^+	0.020	0.0049 mg/L			11/11/24 08:53	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.020	0.010 mg/L			11/22/24 21:24	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:24	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:24	20
Selenium	0.023		0.020	0.016 mg/L			12/05/24 12:52	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9900		500	250 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	730		20	20 mg/L			11/12/24 18:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	730		20	20 mg/L			11/12/24 18:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 18:42	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-12

Lab Sample ID: 885-15001-7

Date Collected: 11/07/24 10:12

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		50	25 mg/L			11/09/24 14:54	100
Nitrate	<100		500	100 ug/L			11/18/24 22:04	5
Nitrite	<58		500	58 ug/L			11/18/24 22:04	5
Sulfate	3500		50	25 mg/L			11/09/24 14:54	100
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 22:04	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.023		0.020	0.011 mg/L			11/11/24 08:58	1
Barium	0.0095	J	0.020	0.00074 mg/L			11/11/24 08:58	1
Boron	0.39		0.040	0.0060 mg/L			11/11/24 08:58	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:58	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:58	1
Cobalt	0.010		0.0060	0.0021 mg/L			11/11/24 08:58	1
Iron	4.5		0.20	0.17 mg/L			11/11/24 09:01	10
Manganese	5.4		0.020	0.0032 mg/L			11/11/24 09:01	10
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:58	1
Silver	0.0080		0.0050	0.0012 mg/L			11/11/24 08:58	1
Zinc	0.011	J	0.020	0.0049 mg/L			11/11/24 08:58	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 21:28	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:28	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:28	20
Selenium	<0.016		0.020	0.016 mg/L			12/05/24 12:54	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5500	E	100	50 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	680		20	20 mg/L			11/12/24 19:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	680		20	20 mg/L			11/12/24 19:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 19:11	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-13

Lab Sample ID: 885-15001-8

Date Collected: 11/07/24 10:25

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		50	25 mg/L			11/09/24 15:08	100
Nitrate	<100		500	100 ug/L			11/18/24 22:14	5
Nitrite	<58		500	58 ug/L			11/18/24 22:14	5
Sulfate	5900		500	250 mg/L			11/09/24 15:22	1000
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 22:14	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.017	J	0.020	0.011 mg/L			11/14/24 08:02	1
Barium	0.016	J	0.020	0.00074 mg/L			11/14/24 08:02	1
Boron	0.38		0.040	0.0060 mg/L			11/14/24 08:02	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 08:02	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 08:02	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 08:02	1
Iron	5.1		0.20	0.17 mg/L			11/14/24 08:04	10
Manganese	2.9		0.020	0.0032 mg/L			11/14/24 08:04	10
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 08:02	1
Silver	0.0058		0.0050	0.0012 mg/L			11/14/24 08:02	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 08:02	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 21:32	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:32	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:32	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:03	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13000		500	250 mg/L			11/13/24 14:45	1
Total Alkalinity as CaCO3 (SM 2320B)	3900		20	20 mg/L			11/20/24 10:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	3900		20	20 mg/L			11/20/24 10:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/20/24 10:23	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-15

Lab Sample ID: 885-15001-9

Date Collected: 11/07/24 10:48

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		500	250 mg/L			11/09/24 15:49	1000
Nitrate	<200		1000	200 ug/L			11/18/24 22:24	10
Nitrite	<120		1000	120 ug/L			11/18/24 22:24	10
Sulfate	12000		500	250 mg/L			11/09/24 15:49	1000
Nitrate Nitrite as N	<220		2000	220 ug/L			11/18/24 22:24	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 09:09	1
Barium	0.0076	J	0.020	0.00074 mg/L			11/11/24 09:09	1
Boron	0.76		0.040	0.0060 mg/L			11/11/24 09:09	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 09:09	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 09:09	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/11/24 09:09	1
Iron	9.8		0.20	0.17 mg/L			11/14/24 08:13	10
Manganese	5.0		0.020	0.0032 mg/L			11/11/24 09:11	10
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 09:09	1
Silver	0.010		0.0050	0.0012 mg/L			11/11/24 09:09	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 08:09	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 21:37	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:37	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:37	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:05	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	21000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	1500		50	50 mg/L			11/18/24 19:38	2.5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	1500		50	50 mg/L			11/18/24 19:38	2.5
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	5.0 mg/L			11/18/24 19:38	2.5

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-16

Lab Sample ID: 885-15001-10

Date Collected: 11/07/24 11:11

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		50	25 mg/L			11/09/24 17:11	100
Nitrate	<200		1000	200 ug/L			11/09/24 22:11	10
Nitrite	<120	F1	1000	120 ug/L			11/09/24 22:11	10
Sulfate	21000		500	250 mg/L			11/18/24 20:51	1000
Nitrate Nitrite as N	<220		2000	220 ug/L			11/09/24 22:11	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.016	J	0.020	0.011 mg/L			11/11/24 09:24	1
Barium	0.011	J ^+	0.020	0.00074 mg/L			11/11/24 09:24	1
Boron	0.28		0.040	0.0060 mg/L			11/11/24 09:24	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 09:24	1
Chromium	<0.0015	^+	0.0060	0.0015 mg/L			11/11/24 09:24	1
Cobalt	<0.0021	^+	0.0060	0.0021 mg/L			11/11/24 09:24	1
Iron	<0.17		0.20	0.17 mg/L			11/11/24 09:13	10
Manganese	0.079		0.0020	0.00032 mg/L			11/11/24 09:24	1
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 09:24	1
Silver	0.012		0.0050	0.0012 mg/L			11/11/24 09:24	1
Zinc	0.0050	J ^+	0.020	0.0049 mg/L			11/11/24 09:24	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.020	0.010 mg/L			11/22/24 21:41	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 21:41	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:41	20
Selenium	0.016	J ^+	0.020	0.016 mg/L			12/05/24 12:07	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	34000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	4000		20	20 mg/L			11/20/24 10:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4000		20	20 mg/L			11/20/24 10:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/20/24 10:23	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-9

Lab Sample ID: 885-15001-11

Date Collected: 11/07/24 11:40

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	530		50	25 mg/L			11/09/24 17:24	100
Nitrate	<100		500	100 ug/L			11/18/24 22:35	5
Nitrite	<58		500	58 ug/L			11/18/24 22:35	5
Sulfate	13000		500	250 mg/L			11/09/24 17:38	1000
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 22:35	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9.9		0.20	0.11 mg/L			11/14/24 08:34	10
Barium	0.010	J	0.020	0.00074 mg/L			11/14/24 08:31	1
Boron	0.61		0.040	0.0060 mg/L			11/11/24 09:31	1
Cadmium	0.032		0.0020	0.00083 mg/L			11/11/24 09:31	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 08:31	1
Cobalt	0.18		0.0060	0.0021 mg/L			11/14/24 08:31	1
Iron	29		2.0	1.7 mg/L			11/14/24 08:36	100
Manganese	9.1		0.020	0.0032 mg/L			11/14/24 08:34	10
Molybdenum	<0.023		0.080	0.023 mg/L			11/11/24 09:33	10
Silver	0.0050		0.0050	0.0012 mg/L			11/11/24 09:31	1
Zinc	0.92		0.020	0.0049 mg/L			11/14/24 08:31	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 21:46	20
Copper	0.022		0.020	0.010 mg/L			11/22/24 21:46	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 21:46	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:24	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO ₃ (SM 2320B)	<20		20	20 mg/L			11/12/24 21:02	1
Bicarbonate Alkalinity as CaCO ₃ (SM 2320B)	<20		20	20 mg/L			11/12/24 21:02	1
Carbonate Alkalinity as CaCO ₃ (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 21:02	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-8

Lab Sample ID: 885-15001-12

Date Collected: 11/07/24 12:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	2.5 mg/L			11/09/24 17:52	10
Nitrate	220	J	500	100 ug/L			11/18/24 22:45	5
Nitrite	<58		500	58 ug/L			11/18/24 22:45	5
Sulfate	2900		50	25 mg/L			11/09/24 18:05	100
Nitrate Nitrite as N	220	J	1000	110 ug/L			11/18/24 22:45	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.6		0.20	0.11 mg/L			11/14/24 08:42	10
Barium	0.050		0.020	0.00074 mg/L			11/14/24 08:38	1
Boron	0.076		0.040	0.0060 mg/L			11/11/24 09:38	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 08:38	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 08:38	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 08:38	1
Iron	1.4		0.20	0.17 mg/L			11/14/24 08:42	10
Manganese	0.96		0.0020	0.00032 mg/L			11/11/24 09:38	1
Molybdenum	0.0071	J	0.0080	0.0023 mg/L			11/11/24 09:38	1
Silver	0.0054		0.0050	0.0012 mg/L			11/11/24 09:38	1
Zinc	0.016	J	0.020	0.0049 mg/L			11/14/24 08:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:03	20
Copper	0.012	J	0.020	0.010 mg/L			11/22/24 22:03	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:03	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:26	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:10	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5200		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	970		20	20 mg/L			11/12/24 21:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	970		20	20 mg/L			11/12/24 21:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 21:08	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-14

Lab Sample ID: 885-15001-13

Date Collected: 11/07/24 12:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		50	25 mg/L			11/09/24 18:19	100
Nitrate	<100		500	100 ug/L			11/18/24 22:55	5
Nitrite	<58		500	58 ug/L			11/18/24 22:55	5
Sulfate	10000		500	250 mg/L			11/09/24 18:33	1000
Nitrate Nitrite as N	<110		1000	110 ug/L			11/18/24 22:55	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.29		0.020	0.011 mg/L			11/14/24 08:53	1
Barium	0.012	J	0.020	0.00074 mg/L			11/14/24 08:53	1
Boron	0.67		0.040	0.0060 mg/L			11/11/24 09:43	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 08:53	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 08:53	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 08:53	1
Iron	9.7		0.20	0.17 mg/L			11/14/24 08:55	10
Manganese	20		0.040	0.0064 mg/L			11/11/24 09:59	20
Molybdenum	<0.023		0.080	0.023 mg/L			11/11/24 09:46	10
Silver	0.0095		0.0050	0.0012 mg/L			11/11/24 09:43	1
Zinc	0.029		0.020	0.0049 mg/L			11/14/24 08:53	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:08	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:08	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:08	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:28	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	610		20	20 mg/L			11/12/24 21:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	610		20	20 mg/L			11/12/24 21:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 21:41	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-19

Lab Sample ID: 885-15001-14

Date Collected: 11/07/24 12:45

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		50	25 mg/L			11/09/24 19:52	100
Nitrate	4500		1000	200 ug/L			11/10/24 01:51	10
Nitrite	<120		1000	120 ug/L			11/10/24 01:51	10
Sulfate	9600		250	130 mg/L			11/13/24 00:01	500
Nitrate Nitrite as N	4500		2000	220 ug/L			11/10/24 01:51	10

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 09:00	1
Barium	0.0034	J	0.020	0.00074 mg/L			11/14/24 09:00	1
Boron	0.60		0.040	0.0060 mg/L			11/14/24 09:00	1
Cadmium	0.0033		0.0020	0.00083 mg/L			11/14/24 09:00	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 09:00	1
Cobalt	0.038		0.0060	0.0021 mg/L			11/14/24 09:00	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 09:00	1
Manganese	11		0.20	0.032 mg/L			11/14/24 09:15	100
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 09:00	1
Silver	0.016	J	0.050	0.012 mg/L			11/14/24 09:12	10
Zinc	0.076		0.020	0.0049 mg/L			11/14/24 09:00	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:12	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:12	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:12	20
Selenium	0.025		0.020	0.016 mg/L			12/05/24 12:56	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080	F1	0.00013	0.000080 mg/L		11/11/24 12:34	11/18/24 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	190		20	20 mg/L			11/12/24 22:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	190		20	20 mg/L			11/12/24 22:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 22:10	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-24

Lab Sample ID: 885-15001-15

Date Collected: 11/07/24 09:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		50	25 mg/L			11/09/24 20:14	100
Nitrate	<100		500	100 ug/L			11/11/24 20:07	5
Nitrite	<58		500	58 ug/L			11/11/24 20:07	5
Sulfate	13000		250	130 mg/L			11/13/24 00:11	500
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 20:07	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.079		0.020	0.011 mg/L			11/14/24 09:25	1
Barium	0.0071	J	0.020	0.00074 mg/L			11/14/24 09:25	1
Boron	0.82		0.040	0.0060 mg/L			11/14/24 09:25	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 09:25	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 09:25	1
Cobalt	0.036		0.0060	0.0021 mg/L			11/14/24 09:25	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 09:25	1
Manganese	12		0.20	0.032 mg/L			11/14/24 09:30	100
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 09:25	1
Silver	0.0062		0.0050	0.0012 mg/L			11/14/24 09:25	1
Zinc	0.055		0.020	0.0049 mg/L			11/14/24 15:16	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:17	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:17	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:17	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:36	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	620		20	20 mg/L			11/12/24 22:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	620		20	20 mg/L			11/12/24 22:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 22:23	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-29

Lab Sample ID: 885-15001-16

Date Collected: 11/07/24 13:32

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		50	25 mg/L			11/09/24 20:57	100
Nitrate	<100		500	100 ug/L			11/11/24 20:17	5
Nitrite	<58		500	58 ug/L			11/11/24 20:17	5
Sulfate	96		50	25 mg/L			11/09/24 20:57	100
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 20:17	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.18		0.020	0.011 mg/L			11/14/24 09:32	1
Barium	0.14		0.020	0.00074 mg/L			11/14/24 09:32	1
Boron	0.56		0.040	0.0060 mg/L			11/14/24 09:32	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 09:32	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 09:32	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 09:32	1
Iron	26		2.0	1.7 mg/L			11/11/24 11:59	100
Manganese	1.2		0.020	0.0032 mg/L			11/14/24 09:34	10
Molybdenum	<0.0023 J		0.0080	0.0023 mg/L			11/14/24 09:32	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/14/24 09:32	1
Zinc	0.0082 J		0.020	0.0049 mg/L			11/14/24 15:18	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:21	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:21	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:21	20
Selenium	<0.016 ^+		0.020	0.016 mg/L			12/05/24 12:38	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2700		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	1200		50	50 mg/L			11/18/24 20:31	2.5
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	1200		50	50 mg/L			11/18/24 20:31	2.5
Carbonate Alkalinity as CaCO3 (SM 2320B)	<5.0		5.0	5.0 mg/L			11/18/24 20:31	2.5

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-18

Lab Sample ID: 885-15001-18

Date Collected: 11/07/24 14:25

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		50	25 mg/L			11/09/24 21:19	100
Nitrate	<100		500	100 ug/L			11/11/24 20:27	5
Nitrite	<58		500	58 ug/L			11/11/24 20:27	5
Sulfate	16000		500	250 mg/L			11/09/24 21:30	1000
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 20:27	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.51		0.020	0.011 mg/L			11/14/24 09:38	1
Barium	0.0060	J	0.020	0.00074 mg/L			11/14/24 09:38	1
Boron	1.2		0.40	0.060 mg/L			11/14/24 09:42	10
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 09:38	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 09:38	1
Cobalt	0.11		0.0060	0.0021 mg/L			11/14/24 09:38	1
Iron	14		0.40	0.35 mg/L			11/11/24 11:10	20
Manganese	16		0.040	0.0064 mg/L			11/11/24 11:10	20
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 09:38	1
Silver	0.0070		0.0050	0.0012 mg/L			11/14/24 09:38	1
Zinc	0.083		0.020	0.0049 mg/L			11/14/24 15:20	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:25	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:25	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:25	20
Selenium	<0.016	^+	0.020	0.016 mg/L			12/05/24 12:40	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	23000	E	500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	140		20	20 mg/L			11/12/24 23:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	140		20	20 mg/L			11/12/24 23:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 23:30	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-30

Lab Sample ID: 885-15001-19

Date Collected: 11/07/24 15:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		50	25 mg/L			11/09/24 21:52	100
Nitrate	110000		2000	400 ug/L			11/11/24 21:06	20
Nitrite	1000	J	2000	230 ug/L			11/11/24 21:06	20
Sulfate	6900		100	50 mg/L			11/13/24 00:21	200
Nitrate Nitrite as N	110000		4000	450 ug/L			11/11/24 21:06	20

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 09:54	1
Barium	0.0057	J	0.020	0.00074 mg/L			11/14/24 09:54	1
Boron	0.26		0.040	0.0060 mg/L			11/14/24 09:54	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 09:54	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 09:54	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 15:22	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 09:54	1
Manganese	0.20		0.0020	0.00032 mg/L			11/14/24 09:54	1
Molybdenum	0.020	J	0.0080	0.0023 mg/L			11/14/24 09:54	1
Silver	0.0080		0.0050	0.0012 mg/L			11/14/24 09:54	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 15:22	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:30	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:30	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:30	20
Selenium	0.57		0.020	0.016 mg/L			12/05/24 13:35	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	12000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	150		20	20 mg/L			11/12/24 23:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	150		20	20 mg/L			11/12/24 23:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/12/24 23:41	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-6

Lab Sample ID: 885-15001-20

Date Collected: 11/07/24 15:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		50	25 mg/L			11/09/24 22:03	100
Nitrate	38000		5000	1000 ug/L			11/10/24 02:45	50
Nitrite	<580		5000	580 ug/L			11/10/24 02:45	50
Sulfate	9600		500	250 mg/L			11/09/24 22:35	1000
Nitrate Nitrite as N	38000		10000	1100 ug/L			11/10/24 02:45	50

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17		2.0	1.1 mg/L			11/14/24 10:16	100
Barium	<0.0074		0.20	0.0074 mg/L			11/14/24 10:14	10
Boron	0.96		0.40	0.060 mg/L			11/14/24 10:14	10
Cadmium	<0.0083		0.020	0.0083 mg/L			11/14/24 10:14	10
Chromium	<0.015		0.060	0.015 mg/L			11/14/24 10:14	10
Cobalt	0.19		0.0060	0.0021 mg/L			11/14/24 15:32	1
Iron	<0.17		0.20	0.17 mg/L			11/14/24 10:14	10
Manganese	9.9		0.020	0.0032 mg/L			11/11/24 11:36	10
Molybdenum	<0.023 J		0.080	0.023 mg/L			11/14/24 10:14	10
Silver	0.016 J		0.050	0.012 mg/L			11/14/24 10:14	10
Zinc	0.54 F1		0.020	0.0049 mg/L			11/14/24 15:32	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:34	20
Copper	0.040		0.020	0.010 mg/L			11/22/24 22:34	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:34	20
Selenium	0.22		0.020	0.016 mg/L			12/05/24 13:02	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	<20		20	20 mg/L			11/13/24 00:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<20		20	20 mg/L			11/13/24 00:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/13/24 00:06	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-25

Lab Sample ID: 885-15001-21

Date Collected: 11/07/24 15:42

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		50	25 mg/L			11/09/24 23:19	100
Nitrate	610		500	100 ug/L			11/11/24 21:16	5
Nitrite	<58		500	58 ug/L			11/11/24 21:16	5
Sulfate	6700		100	50 mg/L			11/13/24 00:32	200
Nitrate Nitrite as N	610 J		1000	110 ug/L			11/11/24 21:16	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 10:32	1
Barium	0.0085 J		0.020	0.00074 mg/L			11/14/24 10:32	1
Boron	0.44		0.040	0.0060 mg/L			11/14/24 10:32	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 10:32	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 10:32	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 15:38	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 10:32	1
Manganese	0.45		0.0020	0.00032 mg/L			11/14/24 10:32	1
Molybdenum	0.012 J		0.0080	0.0023 mg/L			11/14/24 10:32	1
Silver	0.0048 J		0.0050	0.0012 mg/L			11/14/24 10:32	1
Zinc	0.012 J		0.020	0.0049 mg/L			11/14/24 15:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:39	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:39	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:39	20
Selenium	<0.016		0.020	0.016 mg/L			12/05/24 13:07	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	930		20	20 mg/L			11/13/24 00:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	930		20	20 mg/L			11/13/24 00:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/13/24 00:10	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-20

Lab Sample ID: 885-15001-22

Date Collected: 11/07/24 15:55

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		50	25 mg/L			11/09/24 23:30	100
Nitrate	<100		500	100 ug/L			11/11/24 21:26	5
Nitrite	<58		500	58 ug/L			11/11/24 21:26	5
Sulfate	2800		50	25 mg/L			11/09/24 23:30	100
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 21:26	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.014	J	0.020	0.011 mg/L			11/14/24 10:39	1
Barium	0.012	J	0.020	0.00074 mg/L			11/14/24 10:39	1
Boron	0.41		0.040	0.0060 mg/L			11/14/24 10:39	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 10:39	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 10:39	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 15:41	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 10:39	1
Manganese	0.53		0.0020	0.00032 mg/L			11/14/24 10:39	1
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 10:39	1
Silver	0.0060		0.0050	0.0012 mg/L			11/14/24 10:39	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 15:41	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 22:43	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 22:43	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 22:43	20
Selenium	0.20		0.020	0.016 mg/L			12/05/24 13:27	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	10000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	4800		20	20 mg/L			11/20/24 10:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4800		20	20 mg/L			11/20/24 10:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/20/24 10:23	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-26

Lab Sample ID: 885-15001-23

Date Collected: 11/07/24 16:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		50	25 mg/L			11/10/24 00:02	100
Nitrate	<100		500	100 ug/L			11/11/24 21:36	5
Nitrite	<58		500	58 ug/L			11/11/24 21:36	5
Sulfate	11000		250	130 mg/L			11/13/24 01:03	500
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 21:36	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 10:57	1
Barium	0.010	J	0.020	0.00074 mg/L			11/14/24 10:57	1
Boron	0.99		0.040	0.0060 mg/L			11/14/24 10:57	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 10:57	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 10:57	1
Cobalt	0.035		0.0060	0.0021 mg/L			11/14/24 15:45	1
Iron	0.83		0.020	0.017 mg/L			11/14/24 10:57	1
Manganese	5.9		0.020	0.0032 mg/L			11/14/24 10:59	10
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 10:57	1
Silver	0.0098		0.0050	0.0012 mg/L			11/14/24 10:57	1
Zinc	0.046		0.020	0.0049 mg/L			11/14/24 15:45	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 23:01	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 23:01	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 23:01	20
Selenium	<0.016		0.020	0.016 mg/L			12/05/24 13:29	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	16000		500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	620		20	20 mg/L			11/13/24 01:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	620		20	20 mg/L			11/13/24 01:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/13/24 01:04	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: DUP-01

Lab Sample ID: 885-15001-24

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		50	25 mg/L			11/10/24 00:13	100
Nitrate	<100		500	100 ug/L			11/11/24 21:46	5
Nitrite	<58		500	58 ug/L			11/11/24 21:46	5
Sulfate	14000		500	250 mg/L			11/10/24 00:24	1000
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 21:46	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.50		0.020	0.011 mg/L			11/14/24 11:03	1
Barium	0.0062	J	0.020	0.00074 mg/L			11/14/24 11:03	1
Boron	1.2		0.40	0.060 mg/L			11/14/24 11:06	10
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 11:03	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 11:03	1
Cobalt	0.11		0.0060	0.0021 mg/L			11/14/24 15:47	1
Iron	13		2.0	1.7 mg/L			11/14/24 11:08	100
Manganese	16		0.20	0.032 mg/L			11/14/24 11:08	100
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 11:03	1
Silver	0.0067		0.0050	0.0012 mg/L			11/14/24 11:03	1
Zinc	0.086		0.020	0.0049 mg/L			11/14/24 15:47	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 23:05	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 23:05	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 23:05	20
Selenium	<0.016		0.020	0.016 mg/L			12/05/24 13:31	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	23000	E	500	250 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	140		20	20 mg/L			11/13/24 01:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	140		20	20 mg/L			11/13/24 01:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/13/24 01:29	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: DUP-02

Lab Sample ID: 885-15001-25

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		5.0	2.5 mg/L			11/10/24 00:35	10
Nitrate	<100		500	100 ug/L			11/11/24 21:55	5
Nitrite	<58		500	58 ug/L			11/11/24 21:55	5
Sulfate	2000		50	25 mg/L			11/10/24 00:46	100
Nitrate Nitrite as N	<110		1000	110 ug/L			11/11/24 21:55	5

Method: SW846 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 11:31	1
Barium	0.011	J	0.020	0.00074 mg/L			11/14/24 11:31	1
Boron	0.32		0.040	0.0060 mg/L			11/14/24 11:31	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 11:31	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 11:31	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 11:31	1
Iron	0.051		0.020	0.017 mg/L			11/14/24 11:31	1
Manganese	0.080		0.0020	0.00032 mg/L			11/14/24 11:31	1
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 11:31	1
Silver	0.012		0.0050	0.0012 mg/L			11/14/24 11:31	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 15:49	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.020	0.010 mg/L			11/22/24 23:10	20
Copper	<0.010		0.020	0.010 mg/L			11/22/24 23:10	20
Lead	<0.010		0.020	0.010 mg/L			11/22/24 23:10	20
Selenium	<0.016		0.020	0.016 mg/L			12/05/24 13:33	20

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00012		0.00020	0.00012 mg/L		11/11/24 12:38	11/18/24 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	37000		5000	2500 mg/L			11/14/24 16:49	1
Total Alkalinity as CaCO3 (SM 2320B)	4200		20	20 mg/L			11/20/24 10:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4200		20	20 mg/L			11/20/24 10:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	2.0 mg/L			11/20/24 10:23	1

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-15635/4

Matrix: Water

Analysis Batch: 15635

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/09/24 18:58	1
Sulfate	<0.25		0.50	0.25 mg/L			11/09/24 18:58	1

Lab Sample ID: LCS 885-15635/5

Matrix: Water

Analysis Batch: 15635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.74		mg/L		95	90 - 110
Sulfate	10.0	9.36		mg/L		94	90 - 110

Lab Sample ID: MRL 885-15635/3

Matrix: Water

Analysis Batch: 15635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.532		mg/L		106	50 - 150
Sulfate	0.500	0.523		mg/L		105	50 - 150

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15635

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
Chloride	220	E	50.0	268	E 4	mg/L		95	80 - 120
Sulfate	13000	E	100	<2.5	4	mg/L		0	80 - 120

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15635

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
Chloride	220	E	50.0	267	E 4	mg/L		92	80 - 120	NC	20
Sulfate	13000	E	100	<2.5	4	mg/L		0	80 - 120	NC	20

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15635

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	660		500	1140		mg/L		97	80 - 120
Sulfate	12000	E	1000	13000	E 4	mg/L		85	80 - 120

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 15635

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	660		500	1160		mg/L		100	80 - 120	1	20
Sulfate	12000	E	1000	13200	E 4	mg/L		99	80 - 120	1	20

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-15636/4

Matrix: Water

Analysis Batch: 15636

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	<20		100	20 ug/L			11/09/24 18:58	1
Nitrite	<12		100	12 ug/L			11/09/24 18:58	1
Nitrate Nitrite as N	<22		200	22 ug/L			11/09/24 18:58	1

Lab Sample ID: LCS 885-15636/5

Matrix: Water

Analysis Batch: 15636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2500	2490		ug/L		100	90 - 110
Nitrite	1000	932		ug/L		93	90 - 110
Nitrate Nitrite as N	3500	3420		ug/L		98	90 - 110

Lab Sample ID: MRL 885-15636/3

Matrix: Water

Analysis Batch: 15636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.104		mg/L		104	50 - 150
Nitrite	0.100	0.103		mg/L		103	50 - 150
Nitrate Nitrite as N	0.200	0.207		mg/L		103	50 - 150

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15636

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
Nitrate Nitrite as N	4500		35000	39700		ug/L		100	80 - 120

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15636

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
Nitrate Nitrite as N	4500		35000	39900		ug/L		101	80 - 120	1	20

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15636

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 Nitrite as N	38000		350000	377000		ug/L		97	80 - 120

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 15636

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	38000		350000	381000		ug/L		98	80 - 120	1	20

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-15648/4

Matrix: Water

Analysis Batch: 15648

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/09/24 11:30	1
Sulfate	<0.25		0.50	0.25 mg/L			11/09/24 11:30	1

Lab Sample ID: LCS 885-15648/5

Matrix: Water

Analysis Batch: 15648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.78		mg/L		96	90 - 110
Sulfate	10.0	9.42		mg/L		94	90 - 110

Lab Sample ID: MRL 885-15648/3

Matrix: Water

Analysis Batch: 15648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.528		mg/L		106	50 - 150
Sulfate	0.500	0.481	J	mg/L		96	50 - 150

Lab Sample ID: 885-15001-13 MS

Matrix: Water

Analysis Batch: 15648

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	260		500	762		mg/L		100	80 - 120

Lab Sample ID: 885-15001-13 MSD

Matrix: Water

Analysis Batch: 15648

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	260		500	760		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 885-15649/4

Matrix: Water

Analysis Batch: 15649

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	<20		100	20 ug/L			11/09/24 11:30	1
Nitrite	<12		100	12 ug/L			11/09/24 11:30	1
Nitrate Nitrite as N	<22		200	22 ug/L			11/09/24 11:30	1

Lab Sample ID: LCS 885-15649/5

Matrix: Water

Analysis Batch: 15649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2500	2560		ug/L		102	90 - 110
Nitrite	1000	973		ug/L		97	90 - 110
Nitrate Nitrite as N	3500	3530		ug/L		101	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-15649/3

Matrix: Water

Analysis Batch: 15649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.101		mg/L		101	50 - 150
Nitrite	0.100	0.103		mg/L		103	50 - 150
Nitrate Nitrite as N	0.200	0.204		mg/L		102	50 - 150

Lab Sample ID: 885-15001-10 MS

Matrix: Water

Analysis Batch: 15649

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	<200		25000	26100		ug/L		104	80 - 120
Nitrate Nitrite as N	<220		35000	30800		ug/L		88	80 - 120

Lab Sample ID: 885-15001-10 MSD

Matrix: Water

Analysis Batch: 15649

Client Sample ID: MW-16

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	<200		25000	25800		ug/L		103	80 - 120	1	20
Nitrate Nitrite as N	<220		35000	31000		ug/L		88	80 - 120	1	20

Lab Sample ID: 885-15001-13 MS

Matrix: Water

Analysis Batch: 15649

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	<2000		250000	265000		ug/L		106	80 - 120
Nitrite	<1200		100000	99400		ug/L		99	80 - 120
Nitrate Nitrite as N	<2200		350000	364000		ug/L		104	80 - 120

Lab Sample ID: 885-15001-13 MSD

Matrix: Water

Analysis Batch: 15649

Client Sample ID: MW-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	<2000		250000	265000		ug/L		106	80 - 120	0	20
Nitrite	<1200		100000	99500		ug/L		100	80 - 120	0	20
Nitrate Nitrite as N	<2200		350000	365000		ug/L		104	80 - 120	0	20

Lab Sample ID: MB 885-15735/4

Matrix: Water

Analysis Batch: 15735

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	<20		100	20 ug/L			11/11/24 17:05	1
Nitrite	<12		100	12 ug/L			11/11/24 17:05	1
Nitrate Nitrite as N	<22		200	22 ug/L			11/11/24 17:05	1

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-15735/5

Matrix: Water

Analysis Batch: 15735

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2500	2570		ug/L		103	90 - 110
Nitrite	1000	963		ug/L		96	90 - 110
Nitrate Nitrite as N	3500	3530		ug/L		101	90 - 110

Lab Sample ID: MRL 885-15735/3

Matrix: Water

Analysis Batch: 15735

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0966	J	mg/L		97	50 - 150
Nitrite	0.100	0.0955	J	mg/L		95	50 - 150
Nitrate Nitrite as N	0.200	0.192	J	mg/L		96	50 - 150

Lab Sample ID: MB 885-15742/52

Matrix: Water

Analysis Batch: 15742

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/12/24 16:46	1
Sulfate	<0.25		0.50	0.25 mg/L			11/12/24 16:46	1

Lab Sample ID: MB 885-15742/92

Matrix: Water

Analysis Batch: 15742

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/12/24 23:40	1
Sulfate	<0.25		0.50	0.25 mg/L			11/12/24 23:40	1

Lab Sample ID: LCS 885-15742/53

Matrix: Water

Analysis Batch: 15742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.10		mg/L		102	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCS 885-15742/93

Matrix: Water

Analysis Batch: 15742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.11		mg/L		102	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-15742/3

Matrix: Water

Analysis Batch: 15742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.526		mg/L		105	50 - 150
Sulfate	0.500	0.501		mg/L		100	50 - 150

Lab Sample ID: MB 885-16103/4

Matrix: Water

Analysis Batch: 16103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/18/24 11:02	1
Sulfate	<0.25		0.50	0.25 mg/L			11/18/24 11:02	1

Lab Sample ID: MB 885-16103/47

Matrix: Water

Analysis Batch: 16103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25 mg/L			11/18/24 19:18	1
Sulfate	<0.25		0.50	0.25 mg/L			11/18/24 19:18	1

Lab Sample ID: LCS 885-16103/48

Matrix: Water

Analysis Batch: 16103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.86		mg/L		97	90 - 110
Sulfate	10.0	9.68		mg/L		97	90 - 110

Lab Sample ID: LCS 885-16103/5

Matrix: Water

Analysis Batch: 16103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.01		mg/L		100	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MRL 885-16103/3

Matrix: Water

Analysis Batch: 16103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.515		mg/L		103	50 - 150
Sulfate	0.500	0.501		mg/L		100	50 - 150

Lab Sample ID: MB 885-16104/4

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	<20		100	20 ug/L			11/18/24 11:02	1
Nitrite	<12		100	12 ug/L			11/18/24 11:02	1

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-16104/4

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<22		200	22 ug/L			11/18/24 11:02	1

Lab Sample ID: MB 885-16104/47

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	<20		100	20 ug/L			11/18/24 19:18	1
Nitrite	<12		100	12 ug/L			11/18/24 19:18	1
Nitrate Nitrite as N	<22		200	22 ug/L			11/18/24 19:18	1

Lab Sample ID: LCS 885-16104/48

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2500	2570		ug/L		103	90 - 110
Nitrite	1000	946		ug/L		95	90 - 110
Nitrate Nitrite as N	3500	3520		ug/L		100	90 - 110

Lab Sample ID: LCS 885-16104/5

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2500	2650		ug/L		106	90 - 110
Nitrite	1000	974		ug/L		97	90 - 110
Nitrate Nitrite as N	3500	3620		ug/L		104	90 - 110

Lab Sample ID: MRL 885-16104/3

Matrix: Water

Analysis Batch: 16104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0986	J	mg/L		99	50 - 150
Nitrite	0.100	0.103		mg/L		103	50 - 150
Nitrate Nitrite as N	0.200	0.202		mg/L		101	50 - 150

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 885-15710/115

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 12:09	1
Barium	<0.00074		0.020	0.00074 mg/L			11/11/24 12:09	1
Boron	<0.0060		0.040	0.0060 mg/L			11/11/24 12:09	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 12:09	1
Manganese	<0.00032		0.0020	0.00032 mg/L			11/11/24 12:09	1

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 885-15710/115

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 12:09	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/11/24 12:09	1

Lab Sample ID: MB 885-15710/17

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/11/24 08:19	1
Barium	<0.00074		0.020	0.00074 mg/L			11/11/24 08:19	1
Boron	<0.0060		0.040	0.0060 mg/L			11/11/24 08:19	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/11/24 08:19	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/11/24 08:19	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/11/24 08:19	1
Iron	<0.017		0.020	0.017 mg/L			11/11/24 08:19	1
Manganese	<0.00032		0.0020	0.00032 mg/L			11/11/24 08:19	1
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/11/24 08:19	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/11/24 08:19	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/11/24 08:19	1

Lab Sample ID: LCS 885-15710/117

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.595		mg/L		119	80 - 120
Barium	0.500	0.575		mg/L		115	80 - 120
Boron	0.500	0.568		mg/L		114	80 - 120
Cadmium	0.500	0.570		mg/L		114	80 - 120
Manganese	0.500	0.565		mg/L		113	80 - 120
Molybdenum	0.500	0.570		mg/L		114	80 - 120
Silver	0.100	0.112		mg/L		112	80 - 120

Lab Sample ID: LCS 885-15710/19

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.526		mg/L		105	80 - 120
Barium	0.500	0.486		mg/L		97	80 - 120
Boron	0.500	0.490		mg/L		98	80 - 120
Cadmium	0.500	0.495		mg/L		99	80 - 120
Chromium	0.500	0.489		mg/L		98	80 - 120
Cobalt	0.500	0.500		mg/L		100	80 - 120
Iron	0.500	0.532		mg/L		106	80 - 120
Manganese	0.500	0.499		mg/L		100	80 - 120
Molybdenum	0.500	0.491		mg/L		98	80 - 120
Silver	0.100	0.0957		mg/L		96	80 - 120
Zinc	0.500	0.505		mg/L		101	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LLCS 885-15710/116

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.00200	0.00185	J	mg/L		93	50 - 150
Boron	0.0400	0.0420		mg/L		105	50 - 150
Cadmium	0.00200	0.00147	J	mg/L		74	50 - 150
Manganese	0.00200	0.00127	J	mg/L		63	50 - 150
Molybdenum	0.00800	0.00819		mg/L		102	50 - 150
Silver	0.00500	0.00520		mg/L		104	50 - 150

Lab Sample ID: MRL 885-15710/14

Matrix: Water

Analysis Batch: 15710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.0100	<0.015		mg/L		92	50 - 150
Barium	0.00200	0.00183	J	mg/L		91	50 - 150
Boron	0.0400	0.0382	J	mg/L		96	50 - 150
Cadmium	0.00200	0.00221		mg/L		111	50 - 150
Chromium	0.00600	0.00686		mg/L		114	50 - 150
Cobalt	0.00600	0.00718		mg/L		120	50 - 150
Iron	0.0200	<0.026		mg/L		90	50 - 150
Manganese	0.00200	0.00137	J	mg/L		68	50 - 150
Molybdenum	0.00800	0.00806		mg/L		101	50 - 150
Silver	0.00500	0.00478	J	mg/L		96	50 - 150
Zinc	0.0100	0.0104	J	mg/L		104	50 - 150

Lab Sample ID: MB 885-15930/13

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 07:56	1
Barium	<0.00074		0.020	0.00074 mg/L			11/14/24 07:56	1
Boron	<0.0060		0.040	0.0060 mg/L			11/14/24 07:56	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 07:56	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 07:56	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 07:56	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 07:56	1
Manganese	<0.00032		0.0020	0.00032 mg/L			11/14/24 07:56	1
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 07:56	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/14/24 07:56	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 07:56	1

Lab Sample ID: MB 885-15930/81

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/14/24 10:26	1
Barium	<0.00074		0.020	0.00074 mg/L			11/14/24 10:26	1
Boron	<0.0060		0.040	0.0060 mg/L			11/14/24 10:26	1

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 885-15930/81

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/14/24 10:26	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/14/24 10:26	1
Iron	<0.017		0.020	0.017 mg/L			11/14/24 10:26	1
Manganese	<0.00032		0.0020	0.00032 mg/L			11/14/24 10:26	1
Molybdenum	<0.0023	J	0.0080	0.0023 mg/L			11/14/24 10:26	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/14/24 10:26	1

Lab Sample ID: LCS 885-15930/15

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.520		mg/L		104	80 - 120
Barium	0.500	0.538		mg/L		108	80 - 120
Boron	0.500	0.550		mg/L		110	80 - 120
Cadmium	0.500	0.539		mg/L		108	80 - 120
Chromium	0.500	0.554		mg/L		111	80 - 120
Cobalt	0.500	0.554		mg/L		111	80 - 120
Iron	0.500	0.527		mg/L		105	80 - 120
Manganese	0.500	0.536		mg/L		107	80 - 120
Molybdenum	0.500	0.548	J	mg/L		110	80 - 120
Silver	0.100	0.102		mg/L		102	80 - 120
Zinc	0.500	0.561		mg/L		112	80 - 120

Lab Sample ID: LCS 885-15930/83

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.499		mg/L		100	80 - 120
Barium	0.500	0.531		mg/L		106	80 - 120
Boron	0.500	0.532		mg/L		106	80 - 120
Cadmium	0.500	0.537		mg/L		107	80 - 120
Chromium	0.500	0.551		mg/L		110	80 - 120
Iron	0.500	0.554		mg/L		111	80 - 120
Manganese	0.500	0.541		mg/L		108	80 - 120
Molybdenum	0.500	0.542	J	mg/L		108	80 - 120
Silver	0.100	0.0923		mg/L		92	80 - 120

Lab Sample ID: MRL 885-15930/10

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.0100	<0.015		mg/L		85	50 - 150
Barium	0.00200	0.00152	J	mg/L		76	50 - 150
Boron	0.0400	0.0390	J	mg/L		97	50 - 150
Cadmium	0.00200	0.00191	J	mg/L		96	50 - 150
Chromium	0.00600	0.00572	J	mg/L		95	50 - 150

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-15930/10

Matrix: Water

Analysis Batch: 15930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.00600	0.00716		mg/L		119	50 - 150
Iron	0.0200	<0.026		mg/L		80	50 - 150
Manganese	0.00200	0.00197	J	mg/L		99	50 - 150
Molybdenum	0.00800	0.00846	J	mg/L		106	50 - 150
Silver	0.00500	0.00485	J	mg/L		97	50 - 150
Zinc	0.0100	0.00985	J	mg/L		98	50 - 150

Lab Sample ID: MB 885-15951/13

Matrix: Water

Analysis Batch: 15951

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/14/24 15:10	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/14/24 15:10	1

Lab Sample ID: LCS 885-15951/15

Matrix: Water

Analysis Batch: 15951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.500	0.514		mg/L		103	80 - 120
Zinc	0.500	0.521		mg/L		104	80 - 120

Lab Sample ID: LCSD 885-15951/16

Matrix: Water

Analysis Batch: 15951

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
Cobalt	0.500	0.526		mg/L		105	80 - 120	2	20
Zinc	0.500	0.532		mg/L		106	80 - 120	2	20

Lab Sample ID: MRL 885-15951/10

Matrix: Water

Analysis Batch: 15951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.00600	0.00482	J	mg/L		80	50 - 150
Zinc	0.0100	0.0106	J	mg/L		106	50 - 150

Lab Sample ID: MB 885-15985/16

Matrix: Water

Analysis Batch: 15985

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.011		0.020	0.011 mg/L			11/15/24 07:43	1
Barium	<0.00074		0.020	0.00074 mg/L			11/15/24 07:43	1
Boron	<0.0060		0.040	0.0060 mg/L			11/15/24 07:43	1
Cadmium	<0.00083		0.0020	0.00083 mg/L			11/15/24 07:43	1
Chromium	<0.0015		0.0060	0.0015 mg/L			11/15/24 07:43	1
Cobalt	<0.0021		0.0060	0.0021 mg/L			11/15/24 07:43	1

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 885-15985/16

Matrix: Water

Analysis Batch: 15985

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.017		0.020	0.017 mg/L			11/15/24 07:43	1
Manganese	<0.00032		0.0020	0.00032 mg/L			11/15/24 07:43	1
Molybdenum	<0.0023		0.0080	0.0023 mg/L			11/15/24 07:43	1
Silver	<0.0012		0.0050	0.0012 mg/L			11/15/24 07:43	1
Zinc	<0.0049		0.020	0.0049 mg/L			11/15/24 07:43	1

Lab Sample ID: LCS 885-15985/18

Matrix: Water

Analysis Batch: 15985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.572		mg/L		114	80 - 120
Barium	0.500	0.547		mg/L		109	80 - 120
Boron	0.500	0.557		mg/L		111	80 - 120
Cadmium	0.500	0.551		mg/L		110	80 - 120
Chromium	0.500	0.537		mg/L		107	80 - 120
Cobalt	0.500	0.539		mg/L		108	80 - 120
Iron	0.500	0.541		mg/L		108	80 - 120
Manganese	0.500	0.537		mg/L		107	80 - 120
Molybdenum	0.500	0.546		mg/L		109	80 - 120
Silver	0.100	0.111		mg/L		111	80 - 120
Zinc	0.500	0.542		mg/L		108	80 - 120

Lab Sample ID: MRL 885-15985/13

Matrix: Water

Analysis Batch: 15985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.0100	<0.015		mg/L		79	50 - 150
Barium	0.00200	0.00211		mg/L		105	50 - 150
Boron	0.0400	0.0393	J	mg/L		98	50 - 150
Cadmium	0.00200	0.00230		mg/L		115	50 - 150
Chromium	0.00600	0.00596	J	mg/L		99	50 - 150
Cobalt	0.00600	0.00617		mg/L		103	50 - 150
Iron	0.0200	<0.026		mg/L		93	50 - 150
Manganese	0.00200	0.00206	J	mg/L		103	50 - 150
Molybdenum	0.00800	0.00759	J	mg/L		95	50 - 150
Silver	0.00500	0.00508		mg/L		102	50 - 150
Zinc	0.0100	0.00994	J	mg/L		99	50 - 150

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15930

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	<0.011		0.500	0.500		mg/L		100	75 - 125
Barium	0.0034	J	0.500	0.384		mg/L		76	75 - 125
Cadmium	0.0033		0.500	0.407		mg/L		81	75 - 125
Chromium	<0.0015		0.500	0.379		mg/L		76	75 - 125

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15930

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.038		0.500	0.426		mg/L		78	75 - 125
Iron	<0.017		0.500	0.500		mg/L		100	75 - 125
Molybdenum	<0.0023	J	0.500	0.380	J	mg/L		76	75 - 125
Silver	0.0054		0.100	0.0746		mg/L		69	75 - 125
Zinc	0.076		0.500	0.484		mg/L		82	75 - 125

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15930

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	<0.011		0.500	0.465		mg/L		93	75 - 125	7	20
Barium	0.0034	J	0.500	0.359		mg/L		71	75 - 125	7	20
Cadmium	0.0033		0.500	0.378		mg/L		75	75 - 125	7	20
Chromium	<0.0015		0.500	0.355		mg/L		71	75 - 125	6	20
Cobalt	0.038		0.500	0.398		mg/L		72	75 - 125	7	20
Iron	<0.017		0.500	0.510		mg/L		102	75 - 125	2	20
Molybdenum	<0.0023	J	0.500	0.355	J	mg/L		71	75 - 125	7	20
Silver	0.0054		0.100	0.0709		mg/L		65	75 - 125	5	20
Zinc	0.076		0.500	0.453		mg/L		75	75 - 125	7	20

Lab Sample ID: 885-15001-25 MS

Matrix: Water

Analysis Batch: 15930

Client Sample ID: DUP-02

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	<0.011		0.500	0.648		mg/L		130	75 - 125
Barium	0.011	J	0.500	0.480		mg/L		94	75 - 125
Boron	0.32		0.500	0.855		mg/L		108	75 - 125
Cadmium	<0.00083		0.500	0.504		mg/L		101	75 - 125
Chromium	<0.0015		0.500	0.470		mg/L		94	75 - 125
Cobalt	<0.0021		0.500	0.463		mg/L		93	75 - 125
Iron	0.051		0.500	0.553		mg/L		100	75 - 125
Manganese	0.080		0.500	0.548		mg/L		94	75 - 125
Molybdenum	<0.0023	J	0.500	0.471	J	mg/L		94	75 - 125
Silver	0.012		0.100	0.107		mg/L		95	75 - 125

Lab Sample ID: 885-15001-25 MSD

Matrix: Water

Analysis Batch: 15930

Client Sample ID: DUP-02

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	<0.011		0.500	0.649		mg/L		130	75 - 125	0	20
Barium	0.011	J	0.500	0.486		mg/L		95	75 - 125	1	20
Boron	0.32		0.500	0.854		mg/L		108	75 - 125	0	20
Cadmium	<0.00083		0.500	0.514		mg/L		103	75 - 125	2	20
Chromium	<0.0015		0.500	0.484		mg/L		97	75 - 125	3	20
Cobalt	<0.0021		0.500	0.471		mg/L		94	75 - 125	2	20
Iron	0.051		0.500	0.556		mg/L		101	75 - 125	0	20

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 885-15001-25 MSD

Matrix: Water

Analysis Batch: 15930

Client Sample ID: DUP-02

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	0.080		0.500	0.550		mg/L		94	75 - 125	0	20
Molybdenum	<0.0023	J	0.500	0.478	J	mg/L		96	75 - 125	2	20
Silver	0.012		0.100	0.111		mg/L		99	75 - 125	3	20

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15951

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cobalt	0.19		0.500	0.562		mg/L		75	75 - 125		
Zinc	0.54	F1	0.500	0.910	F1	mg/L		73	75 - 125		

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 15951

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	0.19		0.500	0.574		mg/L		77	75 - 125	2	20
Zinc	0.54	F1	0.500	0.936		mg/L		78	75 - 125	3	20

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	0.90		2.50	3.35		mg/L		98	75 - 125		

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese	11	F1	25.0	13.5	F1	mg/L		11	75 - 125		

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.90		2.50	3.35		mg/L		98	75 - 125	0	20

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	11	F1	25.0	13.8	F1	mg/L		12	75 - 125	2	20

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	<0.0037		2.50	2.15		mg/L		86	75 - 125
Boron	0.94		2.50	3.35		mg/L		96	75 - 125
Cadmium	0.0071	J	2.50	2.17		mg/L		87	75 - 125
Chromium	<0.0075		2.50	2.07		mg/L		83	75 - 125
Iron	0.13		2.50	2.60		mg/L		99	75 - 125
Molybdenum	<0.011		2.50	2.09		mg/L		84	75 - 125
Silver	0.016	J F1	0.500	0.311	F1	mg/L		59	75 - 125

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	16	F1	25.0	21.9	F1	mg/L		23	75 - 125
Manganese	8.6	F1	25.0	12.7	F1	mg/L		17	75 - 125

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	<0.0037		2.50	2.19		mg/L		88	75 - 125	2	20
Boron	0.94		2.50	3.38		mg/L		98	75 - 125	1	20
Cadmium	0.0071	J	2.50	2.22		mg/L		88	75 - 125	2	20
Chromium	<0.0075		2.50	2.11		mg/L		84	75 - 125	2	20
Iron	0.13		2.50	2.66		mg/L		101	75 - 125	2	20
Molybdenum	<0.011		2.50	2.15		mg/L		86	75 - 125	3	20
Silver	0.016	J F1	0.500	0.331	F1	mg/L		63	75 - 125	6	20

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 15985

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	16	F1	25.0	20.7	F1	mg/L		18	75 - 125	5	20
Manganese	8.6	F1	25.0	12.0	F1	mg/L		14	75 - 125	6	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 885-16555/14

Matrix: Water

Analysis Batch: 16555

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00050		0.0010	0.00050 mg/L			11/22/24 17:39	1
Copper	<0.00050		0.0010	0.00050 mg/L			11/22/24 17:39	1
Lead	<0.00050		0.0010	0.00050 mg/L			11/22/24 17:39	1
Selenium	<0.00080		0.0010	0.00080 mg/L			11/22/24 17:39	1

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 885-16555/18

Matrix: Water

Analysis Batch: 16555

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00050		0.0010	0.00050 mg/L			11/22/24 18:23	1
Copper	<0.00050		0.0010	0.00050 mg/L			11/22/24 18:23	1
Lead	<0.00050		0.0010	0.00050 mg/L			11/22/24 18:23	1
Selenium	<0.00080		0.0010	0.00080 mg/L			11/22/24 18:23	1

Lab Sample ID: LCS 885-16555/15

Matrix: Water

Analysis Batch: 16555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.0507		mg/L		101	80 - 120
Copper	0.0500	0.0507		mg/L		101	80 - 120
Lead	0.0500	0.0516		mg/L		103	80 - 120
Selenium	0.0500	0.0526		mg/L		105	80 - 120

Lab Sample ID: LCS 885-16555/19

Matrix: Water

Analysis Batch: 16555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.0510		mg/L		102	80 - 120
Copper	0.0500	0.0499		mg/L		100	80 - 120
Lead	0.0500	0.0512		mg/L		102	80 - 120
Selenium	0.0500	0.0531		mg/L		106	80 - 120

Lab Sample ID: MRL 885-16555/9

Matrix: Water

Analysis Batch: 16555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.000797	J	mg/L		80	70 - 130
Copper	0.00100	0.00111		mg/L		111	70 - 130
Lead	0.00100	0.00108		mg/L		108	70 - 130
Selenium	0.00100	0.00125		mg/L		125	70 - 130

Lab Sample ID: LCS 885-17125/38

Matrix: Water

Analysis Batch: 17125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.0494		mg/L		99	80 - 120

Lab Sample ID: MRL 885-17125/9

Matrix: Water

Analysis Batch: 17125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.00106		mg/L		106	70 - 130
Selenium	0.00100	0.00106		mg/L		106	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 16555

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	<0.010		1.00	1.04		mg/L		104	75 - 125		
Copper	<0.010		1.00	0.973		mg/L		97	75 - 125		
Lead	<0.010		1.00	1.00		mg/L		100	75 - 125		

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 16555

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.010		1.00	1.05		mg/L		105	75 - 125	1	20
Copper	<0.010		1.00	0.986		mg/L		99	75 - 125	1	20
Lead	<0.010		1.00	1.02		mg/L		102	75 - 125	2	20

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 16555

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	<0.010		1.00	1.03		mg/L		103	75 - 125		
Copper	0.040		1.00	0.982		mg/L		94	75 - 125		
Lead	<0.010		1.00	1.00		mg/L		100	75 - 125		

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 16555

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.010		1.00	1.00		mg/L		100	75 - 125	2	20
Copper	0.040		1.00	1.03		mg/L		99	75 - 125	5	20
Lead	<0.010		1.00	1.04		mg/L		104	75 - 125	3	20

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 17125

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium	0.025		1.00	1.09		mg/L		107	75 - 125		

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 17125

Client Sample ID: MW-19

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	0.025		1.00	1.13		mg/L		111	75 - 125	4	20

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 17125

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium	0.22		1.00	1.27		mg/L		105	75 - 125		

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 17125

Client Sample ID: MW-6

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	0.22		1.00	1.30		mg/L		109	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MRL 885-15700/9-A

Matrix: Water

Analysis Batch: 16843

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15700

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.000150	0.000131	J	mg/L		87	50 - 150		

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 16843

Client Sample ID: MW-19

Prep Type: Dissolved

Prep Batch: 15704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080	F1	0.00500	0.00347	F1	mg/L		69	75 - 125		

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 16843

Client Sample ID: MW-19

Prep Type: Dissolved

Prep Batch: 15704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080	F1	0.00500	0.00349	F1	mg/L		70	75 - 125	1	20

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 16843

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 15705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00012		0.00500	0.00497		mg/L		99	75 - 125		

Lab Sample ID: 885-15001-20 MSD

Matrix: Water

Analysis Batch: 16843

Client Sample ID: MW-6

Prep Type: Dissolved

Prep Batch: 15705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00012		0.00500	0.00507		mg/L		101	75 - 125	2	20

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-15872/1

Matrix: Water

Analysis Batch: 15872

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25		50	25 mg/L			11/13/24 14:45	1

Lab Sample ID: LCS 885-15872/2

Matrix: Water

Analysis Batch: 15872

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	1000	1020		mg/L		102	80 - 120

Lab Sample ID: MB 885-15957/1

Matrix: Water

Analysis Batch: 15957

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25		50	25 mg/L			11/14/24 16:49	1

Lab Sample ID: LCS 885-15957/2

Matrix: Water

Analysis Batch: 15957

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	1000	1030		mg/L		103	80 - 120

Lab Sample ID: 885-15001-14 DU

Matrix: Water

Analysis Batch: 15957

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	15000		13900		mg/L		5	10

Lab Sample ID: 885-15001-20 DU

Matrix: Water

Analysis Batch: 15957

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	15000		16000		mg/L		6	10

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 885-15842/2

Matrix: Water

Analysis Batch: 15842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<20		20	20 mg/L			11/12/24 14:34	1
Bicarbonate Alkalinity as CaCO3	<20		20	20 mg/L			11/12/24 14:34	1
Carbonate Alkalinity as CaCO3	<2.0		2.0	2.0 mg/L			11/12/24 14:34	1

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 885-15842/25

Matrix: Water

Analysis Batch: 15842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	<20		20	20 mg/L			11/12/24 23:51	1
Bicarbonate Alkalinity as CaCO ₃	<20		20	20 mg/L			11/12/24 23:51	1
Carbonate Alkalinity as CaCO ₃	<2.0		2.0	2.0 mg/L			11/12/24 23:51	1

Lab Sample ID: LCS 885-15842/26

Matrix: Water

Analysis Batch: 15842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO ₃	84.8	78.6		mg/L		93	90 - 110

Lab Sample ID: LCS 885-15842/3

Matrix: Water

Analysis Batch: 15842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO ₃	84.8	77.7		mg/L		92	90 - 110

Lab Sample ID: MRL 885-15842/1

Matrix: Water

Analysis Batch: 15842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO ₃	21.2	24.4		mg/L		115	50 - 150

Lab Sample ID: MB 885-16202/2

Matrix: Water

Analysis Batch: 16202

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	<20		20	20 mg/L			11/18/24 16:11	1
Bicarbonate Alkalinity as CaCO ₃	<20		20	20 mg/L			11/18/24 16:11	1
Carbonate Alkalinity as CaCO ₃	<2.0		2.0	2.0 mg/L			11/18/24 16:11	1

Lab Sample ID: LCS 885-16202/3

Matrix: Water

Analysis Batch: 16202

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO ₃	84.8	78.5		mg/L		93	90 - 110

Lab Sample ID: MRL 885-16202/1

Matrix: Water

Analysis Batch: 16202

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO ₃	21.2	23.2		mg/L		109	50 - 150

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 885-16270/1					Client Sample ID: Method Blank				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 16270									
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total Alkalinity as CaCO3	<20		20	20 mg/L			11/20/24 10:23	1	
Bicarbonate Alkalinity as CaCO3	<20		20	20 mg/L			11/20/24 10:23	1	
Carbonate Alkalinity as CaCO3	<2.0		2.0	2.0 mg/L			11/20/24 10:23	1	

Lab Sample ID: LCS 885-16270/2					Client Sample ID: Lab Control Sample				
Matrix: Water					Prep Type: Total/NA				
Analysis Batch: 16270									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3	84.8	82.0		mg/L		97	90 - 110		

QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

HPLC/IC

Analysis Batch: 15635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-14	MW-19	Total/NA	Water	300.0	
885-15001-15	MW-24	Total/NA	Water	300.0	
885-15001-16	MW-29	Total/NA	Water	300.0	
885-15001-18	MW-18	Total/NA	Water	300.0	
885-15001-18	MW-18	Total/NA	Water	300.0	
885-15001-19	MW-30	Total/NA	Water	300.0	
885-15001-20	MW-6	Total/NA	Water	300.0	
885-15001-20	MW-6	Total/NA	Water	300.0	
885-15001-21	MW-25	Total/NA	Water	300.0	
885-15001-22	MW-20	Total/NA	Water	300.0	
885-15001-23	MW-26	Total/NA	Water	300.0	
885-15001-24	DUP-01	Total/NA	Water	300.0	
885-15001-24	DUP-01	Total/NA	Water	300.0	
885-15001-25	DUP-02	Total/NA	Water	300.0	
885-15001-25	DUP-02	Total/NA	Water	300.0	
MB 885-15635/4	Method Blank	Total/NA	Water	300.0	
LCS 885-15635/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15635/3	Lab Control Sample	Total/NA	Water	300.0	
885-15001-14 MS	MW-19	Total/NA	Water	300.0	
885-15001-14 MSD	MW-19	Total/NA	Water	300.0	
885-15001-20 MS	MW-6	Total/NA	Water	300.0	
885-15001-20 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 15636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-14	MW-19	Total/NA	Water	300.0	
885-15001-20	MW-6	Total/NA	Water	300.0	
MB 885-15636/4	Method Blank	Total/NA	Water	300.0	
LCS 885-15636/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15636/3	Lab Control Sample	Total/NA	Water	300.0	
885-15001-14 MS	MW-19	Total/NA	Water	300.0	
885-15001-14 MSD	MW-19	Total/NA	Water	300.0	
885-15001-20 MS	MW-6	Total/NA	Water	300.0	
885-15001-20 MSD	MW-6	Total/NA	Water	300.0	

Analysis Batch: 15648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Total/NA	Water	300.0	
885-15001-3	MW-4	Total/NA	Water	300.0	
885-15001-4	MW-27	Total/NA	Water	300.0	
885-15001-5	MW-28	Total/NA	Water	300.0	
885-15001-6	MW-11	Total/NA	Water	300.0	
885-15001-7	MW-12	Total/NA	Water	300.0	
885-15001-8	MW-13	Total/NA	Water	300.0	
885-15001-8	MW-13	Total/NA	Water	300.0	
885-15001-9	MW-15	Total/NA	Water	300.0	
885-15001-10	MW-16	Total/NA	Water	300.0	
885-15001-11	MW-9	Total/NA	Water	300.0	
885-15001-11	MW-9	Total/NA	Water	300.0	
885-15001-12	MW-8	Total/NA	Water	300.0	
885-15001-12	MW-8	Total/NA	Water	300.0	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

HPLC/IC (Continued)

Analysis Batch: 15648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-13	MW-14	Total/NA	Water	300.0	
885-15001-13	MW-14	Total/NA	Water	300.0	
MB 885-15648/4	Method Blank	Total/NA	Water	300.0	
LCS 885-15648/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15648/3	Lab Control Sample	Total/NA	Water	300.0	
885-15001-13 MS	MW-14	Total/NA	Water	300.0	
885-15001-13 MSD	MW-14	Total/NA	Water	300.0	

Analysis Batch: 15649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Total/NA	Water	300.0	
885-15001-10	MW-16	Total/NA	Water	300.0	
MB 885-15649/4	Method Blank	Total/NA	Water	300.0	
LCS 885-15649/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15649/3	Lab Control Sample	Total/NA	Water	300.0	
885-15001-10 MS	MW-16	Total/NA	Water	300.0	
885-15001-10 MSD	MW-16	Total/NA	Water	300.0	
885-15001-13 MS	MW-14	Total/NA	Water	300.0	
885-15001-13 MSD	MW-14	Total/NA	Water	300.0	

Analysis Batch: 15735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-15	MW-24	Total/NA	Water	300.0	
885-15001-16	MW-29	Total/NA	Water	300.0	
885-15001-18	MW-18	Total/NA	Water	300.0	
885-15001-19	MW-30	Total/NA	Water	300.0	
885-15001-21	MW-25	Total/NA	Water	300.0	
885-15001-22	MW-20	Total/NA	Water	300.0	
885-15001-23	MW-26	Total/NA	Water	300.0	
885-15001-24	DUP-01	Total/NA	Water	300.0	
885-15001-25	DUP-02	Total/NA	Water	300.0	
MB 885-15735/4	Method Blank	Total/NA	Water	300.0	
LCS 885-15735/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15735/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 15742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-14	MW-19	Total/NA	Water	300.0	
885-15001-15	MW-24	Total/NA	Water	300.0	
885-15001-19	MW-30	Total/NA	Water	300.0	
885-15001-21	MW-25	Total/NA	Water	300.0	
885-15001-23	MW-26	Total/NA	Water	300.0	
MB 885-15742/52	Method Blank	Total/NA	Water	300.0	
MB 885-15742/92	Method Blank	Total/NA	Water	300.0	
LCS 885-15742/53	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-15742/93	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-15742/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 16103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-4	MW-27	Total/NA	Water	300.0	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

HPLC/IC (Continued)

Analysis Batch: 16103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-6	MW-11	Total/NA	Water	300.0	
885-15001-10	MW-16	Total/NA	Water	300.0	
MB 885-16103/4	Method Blank	Total/NA	Water	300.0	
MB 885-16103/47	Method Blank	Total/NA	Water	300.0	
LCS 885-16103/48	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-16103/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-16103/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 16104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-3	MW-4	Total/NA	Water	300.0	
885-15001-4	MW-27	Total/NA	Water	300.0	
885-15001-5	MW-28	Total/NA	Water	300.0	
885-15001-6	MW-11	Total/NA	Water	300.0	
885-15001-7	MW-12	Total/NA	Water	300.0	
885-15001-8	MW-13	Total/NA	Water	300.0	
885-15001-9	MW-15	Total/NA	Water	300.0	
885-15001-11	MW-9	Total/NA	Water	300.0	
885-15001-12	MW-8	Total/NA	Water	300.0	
885-15001-13	MW-14	Total/NA	Water	300.0	
MB 885-16104/4	Method Blank	Total/NA	Water	300.0	
MB 885-16104/47	Method Blank	Total/NA	Water	300.0	
LCS 885-16104/48	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-16104/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-16104/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 15700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-15700/9-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 15704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Dissolved	Water	7470A	
885-15001-3	MW-4	Dissolved	Water	7470A	
885-15001-4	MW-27	Dissolved	Water	7470A	
885-15001-14	MW-19	Dissolved	Water	7470A	
885-15001-14 MS	MW-19	Dissolved	Water	7470A	
885-15001-14 MSD	MW-19	Dissolved	Water	7470A	

Prep Batch: 15705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-5	MW-28	Dissolved	Water	7470A	
885-15001-6	MW-11	Dissolved	Water	7470A	
885-15001-7	MW-12	Dissolved	Water	7470A	
885-15001-8	MW-13	Dissolved	Water	7470A	
885-15001-9	MW-15	Dissolved	Water	7470A	
885-15001-10	MW-16	Dissolved	Water	7470A	
885-15001-11	MW-9	Dissolved	Water	7470A	
885-15001-12	MW-8	Dissolved	Water	7470A	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Metals (Continued)

Prep Batch: 15705 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-13	MW-14	Dissolved	Water	7470A	
885-15001-15	MW-24	Dissolved	Water	7470A	
885-15001-16	MW-29	Dissolved	Water	7470A	
885-15001-18	MW-18	Dissolved	Water	7470A	
885-15001-19	MW-30	Dissolved	Water	7470A	
885-15001-20	MW-6	Dissolved	Water	7470A	
885-15001-21	MW-25	Dissolved	Water	7470A	
885-15001-22	MW-20	Dissolved	Water	7470A	
885-15001-23	MW-26	Dissolved	Water	7470A	
885-15001-24	DUP-01	Dissolved	Water	7470A	
885-15001-25	DUP-02	Dissolved	Water	7470A	
885-15001-20 MS	MW-6	Dissolved	Water	7470A	
885-15001-20 MSD	MW-6	Dissolved	Water	7470A	

Analysis Batch: 15710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Dissolved	Water	6010B	
885-15001-3	MW-4	Dissolved	Water	6010B	
885-15001-3	MW-4	Dissolved	Water	6010B	
885-15001-4	MW-27	Dissolved	Water	6010B	
885-15001-4	MW-27	Dissolved	Water	6010B	
885-15001-5	MW-28	Dissolved	Water	6010B	
885-15001-5	MW-28	Dissolved	Water	6010B	
885-15001-6	MW-11	Dissolved	Water	6010B	
885-15001-6	MW-11	Dissolved	Water	6010B	
885-15001-7	MW-12	Dissolved	Water	6010B	
885-15001-7	MW-12	Dissolved	Water	6010B	
885-15001-9	MW-15	Dissolved	Water	6010B	
885-15001-9	MW-15	Dissolved	Water	6010B	
885-15001-10	MW-16	Dissolved	Water	6010B	
885-15001-10	MW-16	Dissolved	Water	6010B	
885-15001-11	MW-9	Dissolved	Water	6010B	
885-15001-11	MW-9	Dissolved	Water	6010B	
885-15001-12	MW-8	Dissolved	Water	6010B	
885-15001-13	MW-14	Dissolved	Water	6010B	
885-15001-13	MW-14	Dissolved	Water	6010B	
885-15001-13	MW-14	Dissolved	Water	6010B	
885-15001-16	MW-29	Dissolved	Water	6010B	
885-15001-18	MW-18	Dissolved	Water	6010B	
885-15001-20	MW-6	Dissolved	Water	6010B	
MB 885-15710/115	Method Blank	Total/NA	Water	6010B	
MB 885-15710/17	Method Blank	Total/NA	Water	6010B	
LCS 885-15710/117	Lab Control Sample	Total/NA	Water	6010B	
LCS 885-15710/19	Lab Control Sample	Total/NA	Water	6010B	
LLCS 885-15710/116	Lab Control Sample	Total/NA	Water	6010B	
MRL 885-15710/14	Lab Control Sample	Total/NA	Water	6010B	

Analysis Batch: 15930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-8	MW-13	Dissolved	Water	6010B	
885-15001-8	MW-13	Dissolved	Water	6010B	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Metals (Continued)

Analysis Batch: 15930 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-9	MW-15	Dissolved	Water	6010B	
885-15001-9	MW-15	Dissolved	Water	6010B	
885-15001-11	MW-9	Dissolved	Water	6010B	
885-15001-11	MW-9	Dissolved	Water	6010B	
885-15001-11	MW-9	Dissolved	Water	6010B	
885-15001-12	MW-8	Dissolved	Water	6010B	
885-15001-12	MW-8	Dissolved	Water	6010B	
885-15001-13	MW-14	Dissolved	Water	6010B	
885-15001-13	MW-14	Dissolved	Water	6010B	
885-15001-14	MW-19	Dissolved	Water	6010B	
885-15001-14	MW-19	Dissolved	Water	6010B	
885-15001-14	MW-19	Dissolved	Water	6010B	
885-15001-15	MW-24	Dissolved	Water	6010B	
885-15001-15	MW-24	Dissolved	Water	6010B	
885-15001-16	MW-29	Dissolved	Water	6010B	
885-15001-16	MW-29	Dissolved	Water	6010B	
885-15001-18	MW-18	Dissolved	Water	6010B	
885-15001-18	MW-18	Dissolved	Water	6010B	
885-15001-19	MW-30	Dissolved	Water	6010B	
885-15001-20	MW-6	Dissolved	Water	6010B	
885-15001-20	MW-6	Dissolved	Water	6010B	
885-15001-21	MW-25	Dissolved	Water	6010B	
885-15001-22	MW-20	Dissolved	Water	6010B	
885-15001-23	MW-26	Dissolved	Water	6010B	
885-15001-23	MW-26	Dissolved	Water	6010B	
885-15001-24	DUP-01	Dissolved	Water	6010B	
885-15001-24	DUP-01	Dissolved	Water	6010B	
885-15001-24	DUP-01	Dissolved	Water	6010B	
885-15001-25	DUP-02	Dissolved	Water	6010B	
MB 885-15930/13	Method Blank	Total/NA	Water	6010B	
MB 885-15930/81	Method Blank	Total/NA	Water	6010B	
LCS 885-15930/15	Lab Control Sample	Total/NA	Water	6010B	
LCS 885-15930/83	Lab Control Sample	Total/NA	Water	6010B	
MRL 885-15930/10	Lab Control Sample	Total/NA	Water	6010B	
885-15001-14 MS	MW-19	Dissolved	Water	6010B	
885-15001-14 MSD	MW-19	Dissolved	Water	6010B	
885-15001-25 MS	DUP-02	Dissolved	Water	6010B	
885-15001-25 MSD	DUP-02	Dissolved	Water	6010B	

Analysis Batch: 15951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-15	MW-24	Dissolved	Water	6010B	
885-15001-16	MW-29	Dissolved	Water	6010B	
885-15001-18	MW-18	Dissolved	Water	6010B	
885-15001-19	MW-30	Dissolved	Water	6010B	
885-15001-20	MW-6	Dissolved	Water	6010B	
885-15001-21	MW-25	Dissolved	Water	6010B	
885-15001-22	MW-20	Dissolved	Water	6010B	
885-15001-23	MW-26	Dissolved	Water	6010B	
885-15001-24	DUP-01	Dissolved	Water	6010B	
885-15001-25	DUP-02	Dissolved	Water	6010B	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Metals (Continued)

Analysis Batch: 15951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-15951/13	Method Blank	Total/NA	Water	6010B	
LCS 885-15951/15	Lab Control Sample	Total/NA	Water	6010B	
LCSD 885-15951/16	Lab Control Sample Dup	Total/NA	Water	6010B	
MRL 885-15951/10	Lab Control Sample	Total/NA	Water	6010B	
885-15001-20 MS	MW-6	Dissolved	Water	6010B	
885-15001-20 MSD	MW-6	Dissolved	Water	6010B	

Analysis Batch: 15985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-15985/16	Method Blank	Total/NA	Water	6010B	
LCS 885-15985/18	Lab Control Sample	Total/NA	Water	6010B	
MRL 885-15985/13	Lab Control Sample	Total/NA	Water	6010B	
885-15001-14 MS	MW-19	Dissolved	Water	6010B	
885-15001-14 MS	MW-19	Dissolved	Water	6010B	
885-15001-14 MSD	MW-19	Dissolved	Water	6010B	
885-15001-14 MSD	MW-19	Dissolved	Water	6010B	
885-15001-20 MS	MW-6	Dissolved	Water	6010B	
885-15001-20 MS	MW-6	Dissolved	Water	6010B	
885-15001-20 MSD	MW-6	Dissolved	Water	6010B	
885-15001-20 MSD	MW-6	Dissolved	Water	6010B	

Analysis Batch: 16555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Dissolved	Water	6020A	
885-15001-3	MW-4	Dissolved	Water	6020A	
885-15001-4	MW-27	Dissolved	Water	6020A	
885-15001-5	MW-28	Dissolved	Water	6020A	
885-15001-6	MW-11	Dissolved	Water	6020A	
885-15001-7	MW-12	Dissolved	Water	6020A	
885-15001-8	MW-13	Dissolved	Water	6020A	
885-15001-9	MW-15	Dissolved	Water	6020A	
885-15001-10	MW-16	Dissolved	Water	6020A	
885-15001-11	MW-9	Dissolved	Water	6020A	
885-15001-12	MW-8	Dissolved	Water	6020A	
885-15001-13	MW-14	Dissolved	Water	6020A	
885-15001-14	MW-19	Dissolved	Water	6020A	
885-15001-15	MW-24	Dissolved	Water	6020A	
885-15001-16	MW-29	Dissolved	Water	6020A	
885-15001-18	MW-18	Dissolved	Water	6020A	
885-15001-19	MW-30	Dissolved	Water	6020A	
885-15001-20	MW-6	Dissolved	Water	6020A	
885-15001-21	MW-25	Dissolved	Water	6020A	
885-15001-22	MW-20	Dissolved	Water	6020A	
885-15001-23	MW-26	Dissolved	Water	6020A	
885-15001-24	DUP-01	Dissolved	Water	6020A	
885-15001-25	DUP-02	Dissolved	Water	6020A	
MB 885-16555/14	Method Blank	Total/NA	Water	6020A	
MB 885-16555/18	Method Blank	Total/NA	Water	6020A	
LCS 885-16555/15	Lab Control Sample	Total/NA	Water	6020A	
LCS 885-16555/19	Lab Control Sample	Total/NA	Water	6020A	
MRL 885-16555/9	Lab Control Sample	Total/NA	Water	6020A	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Metals (Continued)

Analysis Batch: 16555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-14 MS	MW-19	Dissolved	Water	6020A	
885-15001-14 MSD	MW-19	Dissolved	Water	6020A	
885-15001-20 MS	MW-6	Dissolved	Water	6020A	
885-15001-20 MSD	MW-6	Dissolved	Water	6020A	

Analysis Batch: 16843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Dissolved	Water	7470A	15704
885-15001-3	MW-4	Dissolved	Water	7470A	15704
885-15001-4	MW-27	Dissolved	Water	7470A	15704
885-15001-5	MW-28	Dissolved	Water	7470A	15705
885-15001-6	MW-11	Dissolved	Water	7470A	15705
885-15001-7	MW-12	Dissolved	Water	7470A	15705
885-15001-8	MW-13	Dissolved	Water	7470A	15705
885-15001-9	MW-15	Dissolved	Water	7470A	15705
885-15001-10	MW-16	Dissolved	Water	7470A	15705
885-15001-11	MW-9	Dissolved	Water	7470A	15705
885-15001-12	MW-8	Dissolved	Water	7470A	15705
885-15001-13	MW-14	Dissolved	Water	7470A	15705
885-15001-14	MW-19	Dissolved	Water	7470A	15704
885-15001-15	MW-24	Dissolved	Water	7470A	15705
885-15001-16	MW-29	Dissolved	Water	7470A	15705
885-15001-18	MW-18	Dissolved	Water	7470A	15705
885-15001-19	MW-30	Dissolved	Water	7470A	15705
885-15001-20	MW-6	Dissolved	Water	7470A	15705
885-15001-21	MW-25	Dissolved	Water	7470A	15705
885-15001-22	MW-20	Dissolved	Water	7470A	15705
885-15001-23	MW-26	Dissolved	Water	7470A	15705
885-15001-24	DUP-01	Dissolved	Water	7470A	15705
885-15001-25	DUP-02	Dissolved	Water	7470A	15705
MRL 885-15700/9-A	Lab Control Sample	Total/NA	Water	7470A	15700
885-15001-14 MS	MW-19	Dissolved	Water	7470A	15704
885-15001-14 MSD	MW-19	Dissolved	Water	7470A	15704
885-15001-20 MS	MW-6	Dissolved	Water	7470A	15705
885-15001-20 MSD	MW-6	Dissolved	Water	7470A	15705

Analysis Batch: 17125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-5	MW-28	Dissolved	Water	6020A	
885-15001-6	MW-11	Dissolved	Water	6020A	
885-15001-7	MW-12	Dissolved	Water	6020A	
885-15001-8	MW-13	Dissolved	Water	6020A	
885-15001-9	MW-15	Dissolved	Water	6020A	
885-15001-10	MW-16	Dissolved	Water	6020A	
885-15001-11	MW-9	Dissolved	Water	6020A	
885-15001-12	MW-8	Dissolved	Water	6020A	
885-15001-13	MW-14	Dissolved	Water	6020A	
885-15001-14	MW-19	Dissolved	Water	6020A	
885-15001-15	MW-24	Dissolved	Water	6020A	
885-15001-16	MW-29	Dissolved	Water	6020A	
885-15001-18	MW-18	Dissolved	Water	6020A	

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Metals (Continued)

Analysis Batch: 17125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-19	MW-30	Dissolved	Water	6020A	
885-15001-20	MW-6	Dissolved	Water	6020A	
885-15001-21	MW-25	Dissolved	Water	6020A	
885-15001-22	MW-20	Dissolved	Water	6020A	
885-15001-23	MW-26	Dissolved	Water	6020A	
885-15001-24	DUP-01	Dissolved	Water	6020A	
885-15001-25	DUP-02	Dissolved	Water	6020A	
LCS 885-17125/38	Lab Control Sample	Total/NA	Water	6020A	
MRL 885-17125/9	Lab Control Sample	Total/NA	Water	6020A	
885-15001-14 MS	MW-19	Dissolved	Water	6020A	
885-15001-14 MSD	MW-19	Dissolved	Water	6020A	
885-15001-20 MS	MW-6	Dissolved	Water	6020A	
885-15001-20 MSD	MW-6	Dissolved	Water	6020A	

General Chemistry

Analysis Batch: 15842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Total/NA	Water	SM 2320B	
885-15001-3	MW-4	Total/NA	Water	SM 2320B	
885-15001-4	MW-27	Total/NA	Water	SM 2320B	
885-15001-6	MW-11	Total/NA	Water	SM 2320B	
885-15001-7	MW-12	Total/NA	Water	SM 2320B	
885-15001-11	MW-9	Total/NA	Water	SM 2320B	
885-15001-12	MW-8	Total/NA	Water	SM 2320B	
885-15001-13	MW-14	Total/NA	Water	SM 2320B	
885-15001-14	MW-19	Total/NA	Water	SM 2320B	
885-15001-15	MW-24	Total/NA	Water	SM 2320B	
885-15001-18	MW-18	Total/NA	Water	SM 2320B	
885-15001-19	MW-30	Total/NA	Water	SM 2320B	
885-15001-20	MW-6	Total/NA	Water	SM 2320B	
885-15001-21	MW-25	Total/NA	Water	SM 2320B	
885-15001-23	MW-26	Total/NA	Water	SM 2320B	
885-15001-24	DUP-01	Total/NA	Water	SM 2320B	
MB 885-15842/2	Method Blank	Total/NA	Water	SM 2320B	
MB 885-15842/25	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-15842/26	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 885-15842/3	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 885-15842/1	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 15872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-2	W-2	Total/NA	Water	2540C	
885-15001-3	MW-4	Total/NA	Water	2540C	
885-15001-4	MW-27	Total/NA	Water	2540C	
885-15001-5	MW-28	Total/NA	Water	2540C	
885-15001-6	MW-11	Total/NA	Water	2540C	
885-15001-7	MW-12	Total/NA	Water	2540C	
885-15001-8	MW-13	Total/NA	Water	2540C	
MB 885-15872/1	Method Blank	Total/NA	Water	2540C	
LCS 885-15872/2	Lab Control Sample	Total/NA	Water	2540C	

Eurofins Albuquerque

QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

General Chemistry

Analysis Batch: 15957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-9	MW-15	Total/NA	Water	2540C	
885-15001-10	MW-16	Total/NA	Water	2540C	
885-15001-11	MW-9	Total/NA	Water	2540C	
885-15001-12	MW-8	Total/NA	Water	2540C	
885-15001-13	MW-14	Total/NA	Water	2540C	
885-15001-14	MW-19	Total/NA	Water	2540C	
885-15001-15	MW-24	Total/NA	Water	2540C	
885-15001-16	MW-29	Total/NA	Water	2540C	
885-15001-18	MW-18	Total/NA	Water	2540C	
885-15001-19	MW-30	Total/NA	Water	2540C	
885-15001-20	MW-6	Total/NA	Water	2540C	
885-15001-21	MW-25	Total/NA	Water	2540C	
885-15001-22	MW-20	Total/NA	Water	2540C	
885-15001-23	MW-26	Total/NA	Water	2540C	
885-15001-24	DUP-01	Total/NA	Water	2540C	
885-15001-25	DUP-02	Total/NA	Water	2540C	
MB 885-15957/1	Method Blank	Total/NA	Water	2540C	
LCS 885-15957/2	Lab Control Sample	Total/NA	Water	2540C	
885-15001-14 DU	MW-19	Total/NA	Water	2540C	
885-15001-20 DU	MW-6	Total/NA	Water	2540C	

Analysis Batch: 16202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-5	MW-28	Total/NA	Water	SM 2320B	
885-15001-9	MW-15	Total/NA	Water	SM 2320B	
885-15001-16	MW-29	Total/NA	Water	SM 2320B	
MB 885-16202/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-16202/3	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 885-16202/1	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 16270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-8	MW-13	Total/NA	Water	SM 2320B	
885-15001-10	MW-16	Total/NA	Water	SM 2320B	
885-15001-22	MW-20	Total/NA	Water	SM 2320B	
885-15001-25	DUP-02	Total/NA	Water	SM 2320B	
MB 885-16270/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-16270/2	Lab Control Sample	Total/NA	Water	SM 2320B	

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: W-2

Date Collected: 11/07/24 08:15

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 12:11
Total/NA	Analysis	300.0		10	15649	JT	EET ALB	11/09/24 19:41
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:25
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 20:40
Dissolved	Prep	7470A			15704	JE	EET ALB	11/11/24 12:34
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:42
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 16:58

Client Sample ID: MW-4

Date Collected: 11/07/24 08:40

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 12:24
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 21:22
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:30
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 08:33
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 20:44
Dissolved	Prep	7470A			15704	JE	EET ALB	11/11/24 12:34
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:45
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 17:11

Client Sample ID: MW-27

Date Collected: 11/07/24 09:15

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 13:05
Total/NA	Analysis	300.0		500	16103	JT	EET ALB	11/18/24 20:31
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 21:33
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:35
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 08:38
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 20:48
Dissolved	Prep	7470A			15704	JE	EET ALB	11/11/24 12:34
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:47
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 17:46

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-28**Lab Sample ID: 885-15001-5****Date Collected: 11/07/24 09:30****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 14:00
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 21:43
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 08:40
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:51
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:19
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:50
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:49
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		2.5	16202	KB	EET ALB	11/18/24 18:28

Client Sample ID: MW-11**Lab Sample ID: 885-15001-6****Date Collected: 11/07/24 09:55****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 14:27
Total/NA	Analysis	300.0		200	16103	JT	EET ALB	11/18/24 20:41
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 21:53
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:53
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 08:56
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:24
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:52
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:56
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 18:42

Client Sample ID: MW-12**Lab Sample ID: 885-15001-7****Date Collected: 11/07/24 10:12****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 14:54
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 22:04
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 08:58
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 09:01
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:28
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:54
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:59
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-12
Date Collected: 11/07/24 10:12
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 19:11

Client Sample ID: MW-13
Date Collected: 11/07/24 10:25
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 15:08
Total/NA	Analysis	300.0		1000	15648	JT	EET ALB	11/09/24 15:22
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 22:14
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 08:02
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 08:04
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:32
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:03
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:01
Total/NA	Analysis	2540C		1	15872	KS	EET ALB	11/13/24 14:45
Total/NA	Analysis	SM 2320B		1	16270	KB	EET ALB	11/20/24 10:23

Client Sample ID: MW-15
Date Collected: 11/07/24 10:48
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1000	15648	JT	EET ALB	11/09/24 15:49
Total/NA	Analysis	300.0		10	16104	JT	EET ALB	11/18/24 22:24
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 09:09
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 09:11
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 08:09
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 08:13
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:37
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:05
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:03
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		2.5	16202	KB	EET ALB	11/18/24 19:38

Client Sample ID: MW-16
Date Collected: 11/07/24 11:11
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 17:11

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-16

Lab Sample ID: 885-15001-10

Date Collected: 11/07/24 11:11

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	15649	JT	EET ALB	11/09/24 22:11
Total/NA	Analysis	300.0		1000	16103	JT	EET ALB	11/18/24 20:51
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 09:13
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 09:24
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:41
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:07
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:06
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	16270	KB	EET ALB	11/20/24 10:23

Client Sample ID: MW-9

Lab Sample ID: 885-15001-11

Date Collected: 11/07/24 11:40

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 17:24
Total/NA	Analysis	300.0		1000	15648	JT	EET ALB	11/09/24 17:38
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 22:35
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 09:31
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 09:33
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 08:31
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 08:34
Dissolved	Analysis	6010B		100	15930	VP	EET ALB	11/14/24 08:36
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 21:46
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:24
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:08
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 21:02

Client Sample ID: MW-8

Lab Sample ID: 885-15001-12

Date Collected: 11/07/24 12:00

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	15648	JT	EET ALB	11/09/24 17:52
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 18:05
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 22:45
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 09:38
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 08:38
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 08:42

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-8**Lab Sample ID: 885-15001-12****Date Collected: 11/07/24 12:00****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:03
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:26
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:10
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 21:08

Client Sample ID: MW-14**Lab Sample ID: 885-15001-13****Date Collected: 11/07/24 12:15****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15648	JT	EET ALB	11/09/24 18:19
Total/NA	Analysis	300.0		1000	15648	JT	EET ALB	11/09/24 18:33
Total/NA	Analysis	300.0		5	16104	JT	EET ALB	11/18/24 22:55
Dissolved	Analysis	6010B		1	15710	VP	EET ALB	11/11/24 09:43
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 09:46
Dissolved	Analysis	6010B		20	15710	VP	EET ALB	11/11/24 09:59
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 08:53
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 08:55
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:08
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:28
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:13
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 21:41

Client Sample ID: MW-19**Lab Sample ID: 885-15001-14****Date Collected: 11/07/24 12:45****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		500	15742	EH	EET ALB	11/13/24 00:01
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 19:52
Total/NA	Analysis	300.0		10	15636	JT	EET ALB	11/10/24 01:51
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 09:00
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 09:12
Dissolved	Analysis	6010B		100	15930	VP	EET ALB	11/14/24 09:15
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:12
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:56
Dissolved	Prep	7470A			15704	JE	EET ALB	11/11/24 12:34
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 11:35

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-19
Date Collected: 11/07/24 12:45
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 22:10

Client Sample ID: MW-24
Date Collected: 11/07/24 09:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		500	15742	EH	EET ALB	11/13/24 00:11
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 20:14
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 20:07
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 09:25
Dissolved	Analysis	6010B		100	15930	VP	EET ALB	11/14/24 09:30
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:16
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:17
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:36
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:15
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 22:23

Client Sample ID: MW-29
Date Collected: 11/07/24 13:32
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 20:57
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 20:17
Dissolved	Analysis	6010B		100	15710	VP	EET ALB	11/11/24 11:59
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 09:32
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 09:34
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:18
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:21
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:38
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:17
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		2.5	16202	KB	EET ALB	11/18/24 20:31

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-18

Lab Sample ID: 885-15001-18

Date Collected: 11/07/24 14:25

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 21:19
Total/NA	Analysis	300.0		1000	15635	JT	EET ALB	11/09/24 21:30
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 20:27
Dissolved	Analysis	6010B		20	15710	VP	EET ALB	11/11/24 11:10
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 09:38
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 09:42
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:20
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:25
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 12:40
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:27
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 23:30

Client Sample ID: MW-30

Lab Sample ID: 885-15001-19

Date Collected: 11/07/24 15:00

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		200	15742	EH	EET ALB	11/13/24 00:21
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 21:52
Total/NA	Analysis	300.0		20	15735	JT	EET ALB	11/11/24 21:06
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 09:54
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:22
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:30
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:35
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:29
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/12/24 23:41

Client Sample ID: MW-6

Lab Sample ID: 885-15001-20

Date Collected: 11/07/24 15:15

Matrix: Water

Date Received: 11/08/24 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 22:03
Total/NA	Analysis	300.0		1000	15635	JT	EET ALB	11/09/24 22:35
Total/NA	Analysis	300.0		50	15636	JT	EET ALB	11/10/24 02:45
Dissolved	Analysis	6010B		10	15710	VP	EET ALB	11/11/24 11:36
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 10:14
Dissolved	Analysis	6010B		100	15930	VP	EET ALB	11/14/24 10:16

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-6
Date Collected: 11/07/24 15:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:32
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:34
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:02
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:31
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/13/24 00:06

Client Sample ID: MW-25
Date Collected: 11/07/24 15:42
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		200	15742	EH	EET ALB	11/13/24 00:32
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 23:19
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 21:16
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 10:32
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:38
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:39
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:07
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:38
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/13/24 00:10

Client Sample ID: MW-20
Date Collected: 11/07/24 15:55
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/09/24 23:30
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 21:26
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 10:39
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:41
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 22:43
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:27
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:41
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	16270	KB	EET ALB	11/20/24 10:23

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: MW-26**Lab Sample ID: 885-15001-23****Date Collected: 11/07/24 16:15****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		500	15742	EH	EET ALB	11/13/24 01:03
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/10/24 00:02
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 21:36
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 10:57
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 10:59
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:45
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 23:01
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:29
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:43
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/13/24 01:04

Client Sample ID: DUP-01**Lab Sample ID: 885-15001-24****Date Collected: 11/07/24 00:00****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/10/24 00:13
Total/NA	Analysis	300.0		1000	15635	JT	EET ALB	11/10/24 00:24
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 21:46
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 11:03
Dissolved	Analysis	6010B		10	15930	VP	EET ALB	11/14/24 11:06
Dissolved	Analysis	6010B		100	15930	VP	EET ALB	11/14/24 11:08
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:47
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 23:05
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:31
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:45
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	15842	KB	EET ALB	11/13/24 01:29

Client Sample ID: DUP-02**Lab Sample ID: 885-15001-25****Date Collected: 11/07/24 00:00****Matrix: Water****Date Received: 11/08/24 07:40**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	15635	JT	EET ALB	11/10/24 00:35
Total/NA	Analysis	300.0		100	15635	JT	EET ALB	11/10/24 00:46
Total/NA	Analysis	300.0		5	15735	JT	EET ALB	11/11/24 21:55
Dissolved	Analysis	6010B		1	15930	VP	EET ALB	11/14/24 11:31
Dissolved	Analysis	6010B		1	15951	VP	EET ALB	11/14/24 15:49

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Client Sample ID: DUP-02

Date Collected: 11/07/24 00:00

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6020A		20	16555	BV	EET ALB	11/22/24 23:10
Dissolved	Analysis	6020A		20	17125	ES	EET ALB	12/05/24 13:33
Dissolved	Prep	7470A			15705	JE	EET ALB	11/11/24 12:38
Dissolved	Analysis	7470A		1	16843	JR	EET ALB	11/18/24 12:48
Total/NA	Analysis	2540C		1	15957	KS	EET ALB	11/14/24 16:49
Total/NA	Analysis	SM 2320B		1	16270	KB	EET ALB	11/20/24 10:23

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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- 11

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrate Nitrite as N
300.0		Water	Nitrite
300.0		Water	Sulfate
6010B		Water	Aluminum
6010B		Water	Barium
6010B		Water	Boron
6010B		Water	Cadmium
6010B		Water	Chromium
6010B		Water	Cobalt
6010B		Water	Iron
6010B		Water	Manganese
6010B		Water	Molybdenum
6010B		Water	Silver
6010B		Water	Zinc
6020A		Water	Arsenic
6020A		Water	Copper
6020A		Water	Lead
6020A		Water	Selenium
7470A	7470A	Water	Mercury
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Total Alkalinity as CaCO3
Oregon	NELAP	NM100001	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3

Eurofins Albuquerque

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

Chain of Custody Record



885-15001 COC

Client Information		Sampler: Sean Clay	Lab PM: Upton, Catherine	Carrier Tracking No(s):	COC No: 885-2286-390.1																								
Client Contact: Steve Varsa		Phone: 413-980-0201	E-Mail: Catherine.upton@et.eurofinsus.com	State of Origin: NM	Page: 1 of 3																								
Company: Stantec Consulting Services, Inc.		PWSID:	Job #:																										
Address: 11311 Aurora Avenue		Analysis Requested			Preservation Codes: S - H2SO4 A - HCL N - None D - HNO3																								
City: Des Moines		<table border="1"><tr><td>Field Filtered Sample (Yes or No)</td><td>MS/MSD (Yes or No)</td><td>300_OF_28D_NO3 - Nitrate + Nitrite as N</td><td>8260B - BTEX</td><td>2320B, 2540C_SingleDry, 300_OF_28D_PREC</td><td>6010B, 6020A, 7470A</td><td>8260B - BTEX TRIP BLANK</td><td>Total Number of containers</td></tr><tr><td colspan="8"></td></tr><tr><td colspan="8"></td></tr></table>				Field Filtered Sample (Yes or No)	MS/MSD (Yes or No)	300_OF_28D_NO3 - Nitrate + Nitrite as N	8260B - BTEX	2320B, 2540C_SingleDry, 300_OF_28D_PREC	6010B, 6020A, 7470A	8260B - BTEX TRIP BLANK	Total Number of containers																
Field Filtered Sample (Yes or No)	MS/MSD (Yes or No)					300_OF_28D_NO3 - Nitrate + Nitrite as N	8260B - BTEX	2320B, 2540C_SingleDry, 300_OF_28D_PREC	6010B, 6020A, 7470A	8260B - BTEX TRIP BLANK	Total Number of containers																		
State, Zip: IA, 50322-7904																													
Phone: 515 253 0830		Compliance Project: ☐ Yes ☐ No			Other:																								
Email: steve.varsa@stantec.com		PO #: WD1142145																											
Project Name: KM - San Juan River Plant		WO #:																											
Site:		Project #: 88502516																											
SSOW#:					Special Instructions/Note:																								
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Preservation Code:																							
TB-01		11-7-2024	0700	G	Water	S	A	N	D	A	2	Trip Blank																	
W-2		11-7-2024	0815	G	Water		1	2	1	1	5																		
MW-4		11-7-2024	0840	G	Water		1	2	1	1	5																		
MW-27		11-7-2024	0915	G	Water		1	2	1	1	5																		
MW-28		11-7-2024	0930	G	Water		1	2	1	1	5																		
MW-11		11-7-2024	0955	G	Water		1	2	1	1	5																		
MW-12		11-7-2024	1012	G	Water		1	2	1	1	5																		
MW-13		11-7-2024	1025	G	Water		1	2	1	1	5																		
MW-15		11-7-2024	1048	G	Water		1	2	1	1	5																		
MW-16		11-7-2024	1111	G	Water		1	2	1	1	5																		
MW-9		11-7-2024	1140	G	Water		1	2	1	1	5																		
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) See AAF						Special Instructions/QC Requirements:																							
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:																						
Relinquished by: Sean R. Clay			Date/Time: 11-7-2024 1706		Company: STM		Received by: [Signature]		Date/Time: 11-7-24 1704		Company: Eurofins																		
Relinquished by: [Signature]			Date/Time: 11-7-24 1800		Company: Eurofins		Received by: [Signature]		Date/Time: 11/8/24 7:40		Company: carrier																		
Relinquished by: [Signature]			Date/Time:		Company:		Received by:		Date/Time:		Company:																		
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: reference logn																									

Ver: 05/06/2024

Eurofins Albuquerque

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Sean Clary</u>		Lab PM: Upton, Catherine		Carrier Tracking No(s):		COC No: 885-2286-390.1																																																									
Client Contact: Steve Varsa		Phone: <u>913-990-0291</u>		E-Mail: Catherine.upton@et.eurofinsus.com		State of Origin: <u>NM</u>		Page: <u>2</u> of 3																																																									
Company: Stantec Consulting Services, Inc.		PWSID:		Analysis Requested																																																													
Address: 11311 Aurora Avenue		Due Date Requested:		<table border="1"><tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD</td><td>300_OF_28D_NO3 - Nitrate + Nitrite as N</td><td>8260B - BTEX</td><td>2320B, 2540C_SingleDry, 300_OF_28D_PREC</td><td>6010B, 6020A, 7470A</td><td>8260B - BTEX TRIP BLANK</td><td rowspan="5">Total Number of containers</td></tr><tr><td>City: Des Moines</td><td>TAT Requested (days):</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>State, Zip: IA, 50322-7904</td><td>Compliance Project: ☐ Yes ☐ No</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Phone: <u>515 253 0830</u></td><td>PO #: WD1142145</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Email: steve.varsa@stantec.com</td><td>WO #:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Project Name: KM - San Juan River Plant</td><td>Project #: 88502516</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="2">Preservation Codes: S - H2SO4 A - HCL N - None D - HNO3</td></tr><tr><td>Site:</td><td>SSOW#:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Other:</td></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD	300_OF_28D_NO3 - Nitrate + Nitrite as N	8260B - BTEX	2320B, 2540C_SingleDry, 300_OF_28D_PREC	6010B, 6020A, 7470A	8260B - BTEX TRIP BLANK	Total Number of containers	City: Des Moines	TAT Requested (days):						State, Zip: IA, 50322-7904	Compliance Project: ☐ Yes ☐ No						Phone: <u>515 253 0830</u>	PO #: WD1142145						Email: steve.varsa@stantec.com	WO #:						Project Name: KM - San Juan River Plant	Project #: 88502516								Preservation Codes: S - H2SO4 A - HCL N - None D - HNO3	Site:	SSOW#:								Other:
Field Filtered Sample (Yes or No)	Perform MS/MSD	300_OF_28D_NO3 - Nitrate + Nitrite as N	8260B - BTEX							2320B, 2540C_SingleDry, 300_OF_28D_PREC	6010B, 6020A, 7470A	8260B - BTEX TRIP BLANK	Total Number of containers																																																				
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State, Zip: IA, 50322-7904	Compliance Project: ☐ Yes ☐ No																																																																
Phone: <u>515 253 0830</u>	PO #: WD1142145																																																																
Email: steve.varsa@stantec.com	WO #:																																																																
Project Name: KM - San Juan River Plant	Project #: 88502516								Preservation Codes: S - H2SO4 A - HCL N - None D - HNO3																																																								
Site:	SSOW#:									Other:																																																							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)			Total Number of containers	Special Instructions/Note:																																																							
						Preservation Code: ☒ S ☒ A ☒ N ☒ D ☒ A																																																											
MW-8		11-7-2024	1200	G	Water	X	1	2	1	1	5																																																						
MW-14		11-7-2024	1215	G	Water	X	1	2	1	1	5																																																						
MW-19		11-7-2024	1245	G	Water	X	Y	1	6	2	3	12 MSMSD																																																					
MW-24		11-7-2024	0900	G	Water	X	1	2	1	1	5																																																						
MW-29		11-7-2024	1332	G	Water	X	1	2	1	1	5																																																						
MW-17		11-7-2024	1400	G	Water	X	1	2	1	1	2																																																						
MW-18		11-7-2024	1425	G	Water	X	1	2	1	1	5																																																						
MW-30		11-7-2024	1500	G	Water	X	1	2	1	1	5																																																						
MW-6		11-7-2024	1515	G	Water	X	Y	1	6	2	3	12 MSMSD																																																					
MW-25		11-7-2024	1542	G	Water	X	1	2	1	1	5																																																						
MW-20		11-7-2024	1555	G	Water	X	1	2	1	1	5																																																						
Possible Hazard Identification																																																																	
☒ Non-Hazard ☐ Flammable ☐ Skin-Irritant ☐ Poison B ☐ Unknown ☐ Radiological																																																																	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																																	
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months																																																																	
Deliverable Requested: I, II, III, IV, Other (specify) <u>See ARF</u>																																																																	
Special Instructions/QC Requirements:																																																																	
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____																																																																	
Relinquished by: <u>Sean Clary</u>		Date/Time: <u>11-7-2024 1706</u>		Company: <u>STC</u>		Received by: <u>Chetwa</u>		Date/Time: <u>11-7-24 1706</u>		Company: <u>Eurofins</u>																																																							
Relinquished by: <u>J. Wood</u>		Date/Time: <u>11-7-24 1800</u>		Company: <u>Eurofins</u>		Received by: <u>[Signature]</u>		Date/Time: <u>11/8/24 7:40</u>		Company: <u>Carier</u>																																																							
Relinquished by: _____		Date/Time: _____		Company: _____		Received by: _____		Date/Time: _____		Company: _____																																																							
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks: <u>refrigerator login</u>																																																													

Ver: 05/06/2024

[illegible]

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 885-15001-1

Login Number: 15001

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	One cooler <0 degrees, samples not frozen.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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 <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/19/2024 3:34:55 PM

JOB DESCRIPTION

KM - San Juan River Plant

JOB NUMBER

885-15001-2

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Laboratory Job ID: 885-15001-2

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

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.

Glossary

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

Case Narrative

Client: Stantec Consulting Services, Inc.
Project: KM - San Juan River Plant

Job ID: 885-15001-2

Job ID: 885-15001-2Eurofins Albuquerque

Job Narrative
885-15001-2

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

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

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

Receipt

The samples were received on 11/8/2024 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were -1.4°C, 0.1°C, 0.9°C and 1.1°C.

GC/MS VOA

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

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: TB-01

Lab Sample ID: 885-15001-1

Date Collected: 11/07/24 07:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 13:21	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 13:21	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 13:21	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 13:21	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 13:21	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		11/12/24 13:21	1
Toluene-d8 (Surr)	101		70 - 130		11/12/24 13:21	1
4-Bromofluorobenzene (Surr)	99		70 - 130		11/12/24 13:21	1
Dibromofluoromethane (Surr)	107		70 - 130		11/12/24 13:21	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: W-2
Date Collected: 11/07/24 08:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 13:49	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 13:49	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 13:49	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 13:49	1	
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 13:49	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 13:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130				11/12/24 13:49	1	
Toluene-d8 (Surr)	98		70 - 130				11/12/24 13:49	1	
4-Bromofluorobenzene (Surr)	97		70 - 130				11/12/24 13:49	1	
Dibromofluoromethane (Surr)	108		70 - 130				11/12/24 13:49	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-4
Date Collected: 11/07/24 08:40
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 14:18	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 14:18	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 14:18	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 14:18	1	
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 14:18	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 14:18	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130				11/12/24 14:18	1	
Toluene-d8 (Surr)	101		70 - 130				11/12/24 14:18	1	
4-Bromofluorobenzene (Surr)	97		70 - 130				11/12/24 14:18	1	
Dibromofluoromethane (Surr)	109		70 - 130				11/12/24 14:18	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-27
Date Collected: 11/07/24 09:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 14:46	1	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 14:46	1	2
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 14:46	1	3
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 14:46	1	4
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 14:46	1	5
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 14:46	1	6
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130				11/12/24 14:46	1	7
Toluene-d8 (Surr)	100		70 - 130				11/12/24 14:46	1	8
4-Bromofluorobenzene (Surr)	99		70 - 130				11/12/24 14:46	1	9
Dibromofluoromethane (Surr)	110		70 - 130				11/12/24 14:46	1	10

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-28
Date Collected: 11/07/24 09:30
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	2600		50	11 ug/L			11/12/24 15:14	50	
Ethylbenzene	760		50	11 ug/L			11/12/24 15:14	50	
m&p-Xylene	1500		50	19 ug/L			11/12/24 15:14	50	
o-Xylene	470		50	9.1 ug/L			11/12/24 15:14	50	
Toluene	330		50	13 ug/L			11/12/24 15:14	50	
Xylenes, Total	2000		75	19 ug/L			11/12/24 15:14	50	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	106		70 - 130				11/12/24 15:14	50	
Toluene-d8 (Surr)	100		70 - 130				11/12/24 15:14	50	
4-Bromofluorobenzene (Surr)	97		70 - 130				11/12/24 15:14	50	
Dibromofluoromethane (Surr)	107		70 - 130				11/12/24 15:14	50	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-11

Lab Sample ID: 885-15001-6

Date Collected: 11/07/24 09:55

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 15:42	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 15:42	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 15:42	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 15:42	1	
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 15:42	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 15:42	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130				11/12/24 15:42	1	
Toluene-d8 (Surr)	98		70 - 130				11/12/24 15:42	1	
4-Bromofluorobenzene (Surr)	98		70 - 130				11/12/24 15:42	1	
Dibromofluoromethane (Surr)	108		70 - 130				11/12/24 15:42	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-12
Date Collected: 11/07/24 10:12
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 16:11	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 16:11	1	
m&p-Xylene	0.39	J	1.0	0.37 ug/L			11/12/24 16:11	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 16:11	1	
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 16:11	1	
Xylenes, Total	0.39	J	1.5	0.37 ug/L			11/12/24 16:11	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	113		70 - 130				11/12/24 16:11	1	
Toluene-d8 (Surr)	100		70 - 130				11/12/24 16:11	1	
4-Bromofluorobenzene (Surr)	100		70 - 130				11/12/24 16:11	1	
Dibromofluoromethane (Surr)	110		70 - 130				11/12/24 16:11	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-13

Lab Sample ID: 885-15001-8

Date Collected: 11/07/24 10:25

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2800		100	23 ug/L			11/13/24 15:20	100
Ethylbenzene	35		1.0	0.21 ug/L			11/12/24 16:39	1
m&p-Xylene	5.6		1.0	0.37 ug/L			11/12/24 16:39	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 16:39	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 16:39	1
Xylenes, Total	5.6		1.5	0.37 ug/L			11/12/24 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/12/24 16:39	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/13/24 15:20	100
Toluene-d8 (Surr)	97		70 - 130		11/12/24 16:39	1
4-Bromofluorobenzene (Surr)	100		70 - 130		11/12/24 16:39	1
Dibromofluoromethane (Surr)	107		70 - 130		11/12/24 16:39	1
Dibromofluoromethane (Surr)	109		70 - 130		11/13/24 15:20	100

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-15

Lab Sample ID: 885-15001-9

Date Collected: 11/07/24 10:48

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	260		10	2.3 ug/L			11/13/24 15:49	10
Ethylbenzene	1.4		1.0	0.21 ug/L			11/12/24 17:07	1
m&p-Xylene	13		1.0	0.37 ug/L			11/12/24 17:07	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 17:07	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 17:07	1
Xylenes, Total	13		1.5	0.37 ug/L			11/12/24 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		11/12/24 17:07	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/13/24 15:49	10
Toluene-d8 (Surr)	99		70 - 130		11/12/24 17:07	1
4-Bromofluorobenzene (Surr)	102		70 - 130		11/12/24 17:07	1
Dibromofluoromethane (Surr)	111		70 - 130		11/12/24 17:07	1
Dibromofluoromethane (Surr)	109		70 - 130		11/13/24 15:49	10

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-16
Date Collected: 11/07/24 11:11
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	560		20	4.5 ug/L			11/13/24 16:17	20	
Ethylbenzene	130		20	4.3 ug/L			11/13/24 16:17	20	
m&p-Xylene	760		20	7.5 ug/L			11/13/24 16:17	20	
o-Xylene	34		20	3.6 ug/L			11/13/24 16:17	20	
Toluene	22		20	5.0 ug/L			11/13/24 16:17	20	
Xylenes, Total	790		30	7.5 ug/L			11/13/24 16:17	20	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	114		70 - 130				11/13/24 16:17	20	
Toluene-d8 (Surr)	98		70 - 130				11/13/24 16:17	20	
4-Bromofluorobenzene (Surr)	98		70 - 130				11/13/24 16:17	20	
Dibromofluoromethane (Surr)	111		70 - 130				11/13/24 16:17	20	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-9

Lab Sample ID: 885-15001-11

Date Collected: 11/07/24 11:40

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	49		1.0	0.23 ug/L			11/12/24 18:04	1
Ethylbenzene	23		1.0	0.21 ug/L			11/12/24 18:04	1
m&p-Xylene	3.1		1.0	0.37 ug/L			11/12/24 18:04	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 18:04	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 18:04	1
Xylenes, Total	3.1		1.5	0.37 ug/L			11/12/24 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		11/12/24 18:04	1
Toluene-d8 (Surr)	100		70 - 130		11/12/24 18:04	1
4-Bromofluorobenzene (Surr)	98		70 - 130		11/12/24 18:04	1
Dibromofluoromethane (Surr)	111		70 - 130		11/12/24 18:04	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-8

Lab Sample ID: 885-15001-12

Date Collected: 11/07/24 12:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 18:32	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 18:32	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 18:32	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 18:32	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 18:32	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		11/12/24 18:32	1
Toluene-d8 (Surr)	99		70 - 130		11/12/24 18:32	1
4-Bromofluorobenzene (Surr)	98		70 - 130		11/12/24 18:32	1
Dibromofluoromethane (Surr)	106		70 - 130		11/12/24 18:32	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-14

Lab Sample ID: 885-15001-13

Date Collected: 11/07/24 12:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 19:00	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 19:00	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 19:00	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 19:00	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 19:00	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		11/12/24 19:00	1
Toluene-d8 (Surr)	98		70 - 130		11/12/24 19:00	1
4-Bromofluorobenzene (Surr)	101		70 - 130		11/12/24 19:00	1
Dibromofluoromethane (Surr)	110		70 - 130		11/12/24 19:00	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-19

Lab Sample ID: 885-15001-14

Date Collected: 11/07/24 12:45

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 19:28	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 19:28	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 19:28	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 19:28	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 19:28	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		11/12/24 19:28	1
Toluene-d8 (Surr)	99		70 - 130		11/12/24 19:28	1
4-Bromofluorobenzene (Surr)	102		70 - 130		11/12/24 19:28	1
Dibromofluoromethane (Surr)	109		70 - 130		11/12/24 19:28	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-24

Lab Sample ID: 885-15001-15

Date Collected: 11/07/24 09:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.75	J	1.0	0.23 ug/L			11/12/24 20:53	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 20:53	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 20:53	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 20:53	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 20:53	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		11/12/24 20:53	1
Toluene-d8 (Surr)	99		70 - 130		11/12/24 20:53	1
4-Bromofluorobenzene (Surr)	102		70 - 130		11/12/24 20:53	1
Dibromofluoromethane (Surr)	111		70 - 130		11/12/24 20:53	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-29

Lab Sample ID: 885-15001-16

Date Collected: 11/07/24 13:32

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	480		100	23 ug/L			11/12/24 21:21	100
Ethylbenzene	210		100	21 ug/L			11/12/24 21:21	100
m&p-Xylene	3700		100	37 ug/L			11/12/24 21:21	100
o-Xylene	150		100	18 ug/L			11/12/24 21:21	100
Toluene	78 J		100	25 ug/L			11/12/24 21:21	100
Xylenes, Total	3900		150	37 ug/L			11/12/24 21:21	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/12/24 21:21	100
Toluene-d8 (Surr)	100		70 - 130		11/12/24 21:21	100
4-Bromofluorobenzene (Surr)	98		70 - 130		11/12/24 21:21	100
Dibromofluoromethane (Surr)	109		70 - 130		11/12/24 21:21	100

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-17

Lab Sample ID: 885-15001-17

Date Collected: 11/07/24 14:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5700		500	110 ug/L			11/13/24 16:45	500
Ethylbenzene	42	J	50	11 ug/L			11/12/24 21:49	50
m&p-Xylene	1900		50	19 ug/L			11/12/24 21:49	50
o-Xylene	1400		50	9.1 ug/L			11/12/24 21:49	50
Toluene	1900		50	13 ug/L			11/12/24 21:49	50
Xylenes, Total	3300		75	19 ug/L			11/12/24 21:49	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		11/12/24 21:49	50
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		11/13/24 16:45	500
Toluene-d8 (Surr)	98		70 - 130		11/12/24 21:49	50
4-Bromofluorobenzene (Surr)	100		70 - 130		11/12/24 21:49	50
Dibromofluoromethane (Surr)	108		70 - 130		11/12/24 21:49	50
Dibromofluoromethane (Surr)	109		70 - 130		11/13/24 16:45	500

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-18

Lab Sample ID: 885-15001-18

Date Collected: 11/07/24 14:25

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.27	J	1.0	0.23 ug/L			11/12/24 22:17	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 22:17	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 22:17	1
o-Xylene	0.18	J	1.0	0.18 ug/L			11/12/24 22:17	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 22:17	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		11/12/24 22:17	1
Toluene-d8 (Surr)	98		70 - 130		11/12/24 22:17	1
4-Bromofluorobenzene (Surr)	100		70 - 130		11/12/24 22:17	1
Dibromofluoromethane (Surr)	109		70 - 130		11/12/24 22:17	1

Eurofins Albuquerque

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-30
Date Collected: 11/07/24 15:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-19
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	0.26	J	1.0	0.23 ug/L			11/12/24 22:45	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 22:45	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 22:45	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 22:45	1	
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 22:45	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 22:45	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	113		70 - 130				11/12/24 22:45	1	
Toluene-d8 (Surr)	99		70 - 130				11/12/24 22:45	1	
4-Bromofluorobenzene (Surr)	100		70 - 130				11/12/24 22:45	1	
Dibromofluoromethane (Surr)	109		70 - 130				11/12/24 22:45	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-6

Lab Sample ID: 885-15001-20

Date Collected: 11/07/24 15:15

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/13/24 12:31	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/13/24 12:31	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/13/24 12:31	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/13/24 12:31	1
Toluene	<0.25		1.0	0.25 ug/L			11/13/24 12:31	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/13/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		11/13/24 12:31	1
Toluene-d8 (Surr)	98		70 - 130		11/13/24 12:31	1
4-Bromofluorobenzene (Surr)	100		70 - 130		11/13/24 12:31	1
Dibromofluoromethane (Surr)	109		70 - 130		11/13/24 12:31	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-25
Date Collected: 11/07/24 15:42
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-21
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.23		1.0	0.23 ug/L			11/13/24 12:59	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/13/24 12:59	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/13/24 12:59	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/13/24 12:59	1	
Toluene	<0.25		1.0	0.25 ug/L			11/13/24 12:59	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/13/24 12:59	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130				11/13/24 12:59	1	
Toluene-d8 (Surr)	98		70 - 130				11/13/24 12:59	1	
4-Bromofluorobenzene (Surr)	100		70 - 130				11/13/24 12:59	1	
Dibromofluoromethane (Surr)	110		70 - 130				11/13/24 12:59	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-20

Lab Sample ID: 885-15001-22

Date Collected: 11/07/24 15:55

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	430		50	11 ug/L			11/13/24 13:27	50
Ethylbenzene	370		50	11 ug/L			11/13/24 13:27	50
m&p-Xylene	4000		50	19 ug/L			11/13/24 13:27	50
o-Xylene	1200		50	9.1 ug/L			11/13/24 13:27	50
Toluene	2100		50	13 ug/L			11/13/24 13:27	50
Xylenes, Total	5200		75	19 ug/L			11/13/24 13:27	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/13/24 13:27	50
Toluene-d8 (Surr)	98		70 - 130		11/13/24 13:27	50
4-Bromofluorobenzene (Surr)	98		70 - 130		11/13/24 13:27	50
Dibromofluoromethane (Surr)	107		70 - 130		11/13/24 13:27	50

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-26
Date Collected: 11/07/24 16:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-23
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	1.3		1.0	0.23 ug/L			11/13/24 13:56	1	
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/13/24 13:56	1	
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/13/24 13:56	1	
o-Xylene	<0.18		1.0	0.18 ug/L			11/13/24 13:56	1	
Toluene	<0.25		1.0	0.25 ug/L			11/13/24 13:56	1	
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/13/24 13:56	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130				11/13/24 13:56	1	
Toluene-d8 (Surr)	99		70 - 130				11/13/24 13:56	1	
4-Bromofluorobenzene (Surr)	101		70 - 130				11/13/24 13:56	1	
Dibromofluoromethane (Surr)	111		70 - 130				11/13/24 13:56	1	

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: DUP-01

Lab Sample ID: 885-15001-24

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/08/24 07:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/13/24 14:24	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/13/24 14:24	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/13/24 14:24	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/13/24 14:24	1
Toluene	<0.25		1.0	0.25 ug/L			11/13/24 14:24	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/13/24 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130		11/13/24 14:24	1
Toluene-d8 (Surr)	99		70 - 130		11/13/24 14:24	1
4-Bromofluorobenzene (Surr)	99		70 - 130		11/13/24 14:24	1
Dibromofluoromethane (Surr)	109		70 - 130		11/13/24 14:24	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: DUP-02
Date Collected: 11/07/24 00:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-25
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	550		50	11 ug/L			11/13/24 14:52	50	
Ethylbenzene	130		50	11 ug/L			11/13/24 14:52	50	
m&p-Xylene	750		50	19 ug/L			11/13/24 14:52	50	
o-Xylene	35	J	50	9.1 ug/L			11/13/24 14:52	50	
Toluene	24	J	50	13 ug/L			11/13/24 14:52	50	
Xylenes, Total	790		75	19 ug/L			11/13/24 14:52	50	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130				11/13/24 14:52	50	
Toluene-d8 (Surr)	99		70 - 130				11/13/24 14:52	50	
4-Bromofluorobenzene (Surr)	97		70 - 130				11/13/24 14:52	50	
Dibromofluoromethane (Surr)	110		70 - 130				11/13/24 14:52	50	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

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

Lab Sample ID: MB 885-15768/4

Matrix: Water

Analysis Batch: 15768

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/12/24 12:53	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/12/24 12:53	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/12/24 12:53	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/12/24 12:53	1
Toluene	<0.25		1.0	0.25 ug/L			11/12/24 12:53	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/12/24 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		11/12/24 12:53	1
Toluene-d8 (Surr)	98		70 - 130		11/12/24 12:53	1
4-Bromofluorobenzene (Surr)	99		70 - 130		11/12/24 12:53	1
Dibromofluoromethane (Surr)	107		70 - 130		11/12/24 12:53	1

Lab Sample ID: LCS 885-15768/3

Matrix: Water

Analysis Batch: 15768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.1	21.5		ug/L		107	70 - 130
Toluene	20.2	19.0		ug/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Lab Sample ID: 885-15001-14 MS

Matrix: Water

Analysis Batch: 15768

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	<0.23		20.1	22.6		ug/L		112	70 - 130
Toluene	<0.25		20.2	19.0		ug/L		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Lab Sample ID: 885-15001-14 MSD

Matrix: Water

Analysis Batch: 15768

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.23		20.1	22.9		ug/L		114	70 - 130	1	20
Toluene	<0.25		20.2	19.3		ug/L		96	70 - 130	1	20

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QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Lab Sample ID: MB 885-15840/4

Matrix: Water

Analysis Batch: 15840

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.23		1.0	0.23 ug/L			11/13/24 12:03	1
Ethylbenzene	<0.21		1.0	0.21 ug/L			11/13/24 12:03	1
m&p-Xylene	<0.37		1.0	0.37 ug/L			11/13/24 12:03	1
o-Xylene	<0.18		1.0	0.18 ug/L			11/13/24 12:03	1
Toluene	<0.25		1.0	0.25 ug/L			11/13/24 12:03	1
Xylenes, Total	<0.37		1.5	0.37 ug/L			11/13/24 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		11/13/24 12:03	1
Toluene-d8 (Surr)	100		70 - 130		11/13/24 12:03	1
4-Bromofluorobenzene (Surr)	100		70 - 130		11/13/24 12:03	1
Dibromofluoromethane (Surr)	108		70 - 130		11/13/24 12:03	1

Lab Sample ID: LCS 885-15840/3

Matrix: Water

Analysis Batch: 15840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.1	21.7		ug/L		108	70 - 130
Toluene	20.2	19.0		ug/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130

Lab Sample ID: 885-15001-20 MS

Matrix: Water

Analysis Batch: 15840

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	<0.23		20.1	22.3		ug/L		111	70 - 130
Toluene	<0.25		20.2	18.9		ug/L		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

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

Lab Sample ID: 885-15001-20 MSD										Client Sample ID: MW-6		
Matrix: Water										Prep Type: Total/NA		
Analysis Batch: 15840												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Benzene	<0.23		20.1	22.6		ug/L		112	70 - 130	1	20	
Toluene	<0.25		20.2	18.8		ug/L		93	70 - 130	0	20	
Surrogate	MSD %Recovery	MSD Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	116		70 - 130									
Toluene-d8 (Surr)	97		70 - 130									
4-Bromofluorobenzene (Surr)	99		70 - 130									
Dibromofluoromethane (Surr)	109		70 - 130									

QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

GC/MS VOA

Analysis Batch: 15768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-1	TB-01	Total/NA	Water	8260B	
885-15001-2	W-2	Total/NA	Water	8260B	
885-15001-3	MW-4	Total/NA	Water	8260B	
885-15001-4	MW-27	Total/NA	Water	8260B	
885-15001-5	MW-28	Total/NA	Water	8260B	
885-15001-6	MW-11	Total/NA	Water	8260B	
885-15001-7	MW-12	Total/NA	Water	8260B	
885-15001-8	MW-13	Total/NA	Water	8260B	
885-15001-9	MW-15	Total/NA	Water	8260B	
885-15001-11	MW-9	Total/NA	Water	8260B	
885-15001-12	MW-8	Total/NA	Water	8260B	
885-15001-13	MW-14	Total/NA	Water	8260B	
885-15001-14	MW-19	Total/NA	Water	8260B	
885-15001-15	MW-24	Total/NA	Water	8260B	
885-15001-16	MW-29	Total/NA	Water	8260B	
885-15001-17	MW-17	Total/NA	Water	8260B	
885-15001-18	MW-18	Total/NA	Water	8260B	
885-15001-19	MW-30	Total/NA	Water	8260B	
MB 885-15768/4	Method Blank	Total/NA	Water	8260B	
LCS 885-15768/3	Lab Control Sample	Total/NA	Water	8260B	
885-15001-14 MS	MW-19	Total/NA	Water	8260B	
885-15001-14 MSD	MW-19	Total/NA	Water	8260B	

Analysis Batch: 15840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15001-8	MW-13	Total/NA	Water	8260B	
885-15001-9	MW-15	Total/NA	Water	8260B	
885-15001-10	MW-16	Total/NA	Water	8260B	
885-15001-17	MW-17	Total/NA	Water	8260B	
885-15001-20	MW-6	Total/NA	Water	8260B	
885-15001-21	MW-25	Total/NA	Water	8260B	
885-15001-22	MW-20	Total/NA	Water	8260B	
885-15001-23	MW-26	Total/NA	Water	8260B	
885-15001-24	DUP-01	Total/NA	Water	8260B	
885-15001-25	DUP-02	Total/NA	Water	8260B	
MB 885-15840/4	Method Blank	Total/NA	Water	8260B	
LCS 885-15840/3	Lab Control Sample	Total/NA	Water	8260B	
885-15001-20 MS	MW-6	Total/NA	Water	8260B	
885-15001-20 MSD	MW-6	Total/NA	Water	8260B	

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: TB-01**Date Collected: 11/07/24 07:00****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-1****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 13:21

Client Sample ID: W-2**Date Collected: 11/07/24 08:15****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-2****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 13:49

Client Sample ID: MW-4**Date Collected: 11/07/24 08:40****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-3****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 14:18

Client Sample ID: MW-27**Date Collected: 11/07/24 09:15****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-4****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 14:46

Client Sample ID: MW-28**Date Collected: 11/07/24 09:30****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-5****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	15768	RA	EET ALB	11/12/24 15:14

Client Sample ID: MW-11**Date Collected: 11/07/24 09:55****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-6****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 15:42

Client Sample ID: MW-12**Date Collected: 11/07/24 10:12****Date Received: 11/08/24 07:40****Lab Sample ID: 885-15001-7****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 16:11

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-13

Date Collected: 11/07/24 10:25

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 16:39
Total/NA	Analysis	8260B		100	15840	RA	EET ALB	11/13/24 15:20

Client Sample ID: MW-15

Date Collected: 11/07/24 10:48

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 17:07
Total/NA	Analysis	8260B		10	15840	RA	EET ALB	11/13/24 15:49

Client Sample ID: MW-16

Date Collected: 11/07/24 11:11

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		20	15840	RA	EET ALB	11/13/24 16:17

Client Sample ID: MW-9

Date Collected: 11/07/24 11:40

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 18:04

Client Sample ID: MW-8

Date Collected: 11/07/24 12:00

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 18:32

Client Sample ID: MW-14

Date Collected: 11/07/24 12:15

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 19:00

Client Sample ID: MW-19

Date Collected: 11/07/24 12:45

Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 19:28

Eurofins Albuquerque

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-24
Date Collected: 11/07/24 09:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 20:53

Client Sample ID: MW-29
Date Collected: 11/07/24 13:32
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		100	15768	RA	EET ALB	11/12/24 21:21

Client Sample ID: MW-17
Date Collected: 11/07/24 14:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	15768	RA	EET ALB	11/12/24 21:49
Total/NA	Analysis	8260B		500	15840	RA	EET ALB	11/13/24 16:45

Client Sample ID: MW-18
Date Collected: 11/07/24 14:25
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 22:17

Client Sample ID: MW-30
Date Collected: 11/07/24 15:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15768	RA	EET ALB	11/12/24 22:45

Client Sample ID: MW-6
Date Collected: 11/07/24 15:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15840	RA	EET ALB	11/13/24 12:31

Client Sample ID: MW-25
Date Collected: 11/07/24 15:42
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15840	RA	EET ALB	11/13/24 12:59

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Client Sample ID: MW-20
Date Collected: 11/07/24 15:55
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	15840	RA	EET ALB	11/13/24 13:27

Client Sample ID: MW-26
Date Collected: 11/07/24 16:15
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15840	RA	EET ALB	11/13/24 13:56

Client Sample ID: DUP-01
Date Collected: 11/07/24 00:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	15840	RA	EET ALB	11/13/24 14:24

Client Sample ID: DUP-02
Date Collected: 11/07/24 00:00
Date Received: 11/08/24 07:40

Lab Sample ID: 885-15001-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		50	15840	RA	EET ALB	11/13/24 14:52

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
Project/Site: KM - San Juan River Plant

Job ID: 885-15001-2

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Benzene
8260B		Water	Ethylbenzene
8260B		Water	m&p-Xylene
8260B		Water	o-Xylene
8260B		Water	Toluene
8260B		Water	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

Eurofins Albuquerque

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

Chain of Custody Record



885-15001 COC

Client Information		Sampler: Sean Clay	Lab PM: Upton, Catherine	Carrier Tracking No(s):	COC No: 885-2286-390.1		
Client Contact: Steve Varsa		Phone: 413-980-0201	E-Mail: Catherine.upton@et.eurofinsus.com	State of Origin: NM	Page: 1 of 3		
Company: Stantec Consulting Services, Inc.		PWSID:	Analysis Requested		Job #:		
Address: 11311 Aurora Avenue		Due Date Requested:	Field Filtered Sample (Yes or No) MS/MSD (Yes or No) 300_OF_28D_NO3 - Nitrate + Nitrite as N 8260B - BTEX 2320B, 2540C_SingleDry, 300_OF_28D_PREC 6010B, 6020A, 7470A 8260B - BTEX TRIP BLANK Total Number of containers		Preservation Codes: S - H2SO4 A - HCL N - None D - HNO3		
City: Des Moines		TAT Requested (days):					
State, Zip: IA, 50322-7904		Compliance Project: ☐ Yes ☐ No					
Phone: 515 253 0830		PO #: WD1142145					
Email: steve.varsa@stantec.com		WO #:					
Project Name: KM - San Juan River Plant		Project #: 88502516	Other:				
Site:		SSOW#:					
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Preservation Code	Special Instructions/Note:	
TB-01	11-7-2024	0700	G	Water	S	Trip Blank	
W-2	11-7-2024	0815	G	Water	A		
MW-4	11-7-2024	0840	G	Water	N		
MW-27	11-7-2024	0915	G	Water	D		
MW-28	11-7-2024	0930	G	Water	A		
MW-11	11-7-2024	0955	G	Water			
MW-12	11-7-2024	1012	G	Water			
MW-13	11-7-2024	1025	G	Water			
MW-15	11-7-2024	1048	G	Water			
MW-16	11-7-2024	1111	G	Water			
MW-9	11-7-2024	1140	G	Water			
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) See AAF			Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: Sean R. Clay	Date/Time: 11-7-2024 1706	Company: SHW	Received by: [Signature]	Date/Time: 11-7-24 1704	Company: Eurofins		
Relinquished by: [Signature]	Date/Time: 11-7-24 1800	Company: Eurofins	Received by: [Signature]	Date/Time: 11/8/24 7:40	Company: carrier		
Relinquished by: [Signature]	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: reference logn			

Ver: 05/06/2024

Eurofins Albuquerque

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Sean Clary</u>		Lab PM: Upton, Catherine		Carrier Tracking No(s):		COC No: 885-2286-390.1	
Client Contact: Steve Varsa		Phone: <u>913-990-0291</u>		E-Mail: Catherine.upton@et.eurofinsus.com		State of Origin: <u>NM</u>		Page: <u>2</u> of 3	
Company: Stantec Consulting Services, Inc.				PWSID:		Analysis Requested			
Address: 11311 Aurora Avenue		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 300_OF_28D_NO3 - Nitrate + Nitrite as N 8260B - BTEX 2320B, 2540C_SingleDry, 300_OF_28D_PREC 6010B, 6020A, 7470A 8260B - BTEX TRIP BLANK		Total Number of containers		Preservation Codes:	
City: Des Moines		TAT Requested (days):						S - H2SO4	
State, Zip: IA, 50322-7904		Compliance Project: ☐ Yes ☐ No						A - HCL	
Phone: <u>515 253 0830</u>		PO #: WD1142145						N - None	
Email: steve.varsa@stantec.com		WO #:						D - HNO3	
Project Name: KM - San Juan River Plant		Project #: 88502516		SSOW#:		Other:			
Site:									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Special Instructions/Note:	
						Preservation Code:			
MW-8		11-7-2024	1200	G	Water	X			
MW-14		11-7-2024	1215	G	Water	X			
MW-19		11-7-2024	1245	G	Water	X		MSMSD	
MW-24		11-7-2024	0900	G	Water	X			
MW-29		11-7-2024	1332	G	Water	X			
MW-17		11-7-2024	1400	G	Water	X			
MW-18		11-7-2024	1425	G	Water	X			
MW-30		11-7-2024	1500	G	Water	X			
MW-6		11-7-2024	1515	G	Water	X		MSMSD	
MW-23		11-7-2024	1542	G	Water	X			
MW-20		11-7-2024	1555	G	Water	X			
Possible Hazard Identification									
☒ Non-Hazard ☐ Flammable ☐ Skin-Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify) <u>See ARF</u>									
Special Instructions/QC Requirements:									
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____									
Relinquished by: <u>Sean Clary</u>		Date/Time: <u>11-7-2024 1706</u>		Company: <u>STC</u>		Received by: <u>Chetla</u>		Date/Time: <u>11-7-24 1706</u>	
Relinquished by: <u>J. Wood</u>		Date/Time: <u>11-7-24 1800</u>		Company: <u>STC</u>		Received by: <u>Chetla</u>		Date/Time: <u>11/8/24 7:40</u>	
Relinquished by: _____		Date/Time: _____		Company: _____		Received by: _____		Date/Time: _____	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks: <u>refrigerator login</u>					

Ver: 05/06/2024

[illegible]

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 885-15001-2

Login Number: 15001

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	One cooler <0 degrees, samples not frozen.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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 <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/31/2024 11:08:04 AM

JOB DESCRIPTION

San Juan River Plant

JOB NUMBER

400-256227-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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

Laboratory Job ID: 400-256227-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: San Juan River Plant

Job ID: 400-256227-1

Job ID: 400-256227-1

Eurofins Pensacola

Job Narrative 400-256227-1

Receipt

The samples were received on 5/18/2024 8:32 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-256227-2) and MW-28 (400-256227-7). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 400-672311 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-672146 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01 (400-256227-2), MW-27 (400-256227-6), MW-28 (400-256227-7) and MW-30 (400-256227-8). Elevated reporting limits (RLs) are provided.

Method 300.0: Reanalysis of the following sample was performed outside of the analytical holding time due to the ability of a lower dilution: MW-30 (400-256227-8).

Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-672294 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The following samples were received out of holding time: DUP-01 (400-256227-2), MW-27 (400-256227-6), MW-28 (400-256227-7) and MW-30 (400-256227-8).

Method 300.0: The continuing calibration blank for analytical batch 400-672000 contained Nitrate as N above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the continuing calibration blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300.0: The continuing calibration blank for analytical batch 400-672148 contained Nitrate as N above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the continuing calibration blank; therefore, re-extraction and/or 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.

Metals

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

General Chemistry

Method SM 2320B: Due to the alkaline nature of the sample, the samples were titrated using a stronger titrant: DUP-01 (400-256227-2) and MW-28 (400-256227-7)

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-672292 was outside control limits. Sample non-homogeneity is suspected.

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

VOA Prep

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

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Detection Summary

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

Job ID: 400-256227-1

Client Sample ID: TB-01

Lab Sample ID: 400-256227-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-256227-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	2.4		0.020	0.010	mg/L	20			8260D	Total/NA
Ethylbenzene	0.70		0.020	0.010	mg/L	20			8260D	Total/NA
Toluene	0.069		0.020	0.018	mg/L	20			8260D	Total/NA
Xylenes, Total	4.4		0.20	0.032	mg/L	20			8260D	Total/NA
Chloride	700		50	13	mg/L	50			300.0	Total/NA
Sulfate	1700		50	20	mg/L	50			300.0	Total/NA
Barium, Dissolved	0.021		0.010	0.0044	mg/L	1			6010D	Dissolved
Boron, Dissolved	1.1		0.10	0.027	mg/L	1			6010D	Dissolved
Manganese, Dissolved	0.16		0.010	0.0013	mg/L	1			6010D	Dissolved
Alkalinity, Total	2900		1.0	0.50	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	6800		50	50	mg/L	1			SM 2540C	Total/NA

Client Sample ID: MW-24

Lab Sample ID: 400-256227-3

No Detections.

Client Sample ID: MW-25

Lab Sample ID: 400-256227-4

No Detections.

Client Sample ID: MW-26

Lab Sample ID: 400-256227-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	0.0015		0.0010	0.00050	mg/L	1			8260D	Total/NA

Client Sample ID: MW-27

Lab Sample ID: 400-256227-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	700		50	13	mg/L	50			300.0	Total/NA
Nitrate as N	1.1	H H3	0.20	0.13	mg/L	2			300.0	Total/NA
Nitrate Nitrite as N	1.1	H H3	0.20	0.13	mg/L	2			300.0	Total/NA
Sulfate - DL	13000		500	200	mg/L	500			300.0	Total/NA
Boron, Dissolved	1.2		0.50	0.14	mg/L	5			6010D	Dissolved
Cobalt, Dissolved	0.056		0.050	0.0070	mg/L	5			6010D	Dissolved
Iron, Dissolved	0.86		0.50	0.10	mg/L	5			6010D	Dissolved
Manganese, Dissolved	8.0		0.050	0.0065	mg/L	5			6010D	Dissolved
Nickel, Dissolved	0.096	J	0.20	0.017	mg/L	5			6010D	Dissolved
Zinc, Dissolved	0.079	J	0.10	0.044	mg/L	5			6010D	Dissolved
Alkalinity, Total	860		1.0	0.50	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	14000		250	250	mg/L	1			SM 2540C	Total/NA

Client Sample ID: MW-28

Lab Sample ID: 400-256227-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	2.4		0.020	0.010	mg/L	20			8260D	Total/NA
Ethylbenzene	0.69		0.020	0.010	mg/L	20			8260D	Total/NA
Toluene	0.073		0.020	0.018	mg/L	20			8260D	Total/NA
Xylenes, Total	4.4		0.20	0.032	mg/L	20			8260D	Total/NA
Chloride	760		50	13	mg/L	50			300.0	Total/NA
Sulfate	1900		50	20	mg/L	50			300.0	Total/NA
Barium, Dissolved	0.019		0.010	0.0044	mg/L	1			6010D	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

Job ID: 400-256227-1

Client Sample ID: MW-28 (Continued)

Lab Sample ID: 400-256227-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron, Dissolved	1.0		0.10	0.027	mg/L	1		6010D	Dissolved
Manganese, Dissolved	0.14		0.010	0.0013	mg/L	1		6010D	Dissolved
Molybdenum, Dissolved	0.0015	J	0.010	0.0012	mg/L	1		6010D	Dissolved
Alkalinity, Total	2900		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-30

Lab Sample ID: 400-256227-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1400		50	13	mg/L	50		300.0	Total/NA
Nitrate as N	89	H H3	5.0	3.2	mg/L	50		300.0	Total/NA
Nitrate Nitrite as N	98	H H3	5.0	3.2	mg/L	50		300.0	Total/NA
Nitrite as N	9.3	H H3	5.0	4.2	mg/L	50		300.0	Total/NA
Sulfate - DL	6300		200	78	mg/L	200		300.0	Total/NA
Barium, Dissolved	0.0098	J	0.010	0.0044	mg/L	1		6010D	Dissolved
Boron, Dissolved	0.41		0.10	0.027	mg/L	1		6010D	Dissolved
Manganese, Dissolved	0.38		0.010	0.0013	mg/L	1		6010D	Dissolved
Molybdenum, Dissolved	0.027		0.010	0.0012	mg/L	1		6010D	Dissolved
Selenium, Dissolved	0.56		0.020	0.010	mg/L	1		6010D	Dissolved
Alkalinity, Total	170		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9800		130	130	mg/L	1		SM 2540C	Total/NA

Method Summary

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

Job ID: 400-256227-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
300.0	Anions, Ion Chromatography	EPA	EET PEN
6010D	Metals (ICP)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
SM 2320B	Alkalinity	SM	EET PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- EPA = US Environmental Protection Agency
- 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
- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 400-256227-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256227-1	TB-01	Water	05/15/24 00:00	05/18/24 08:32
400-256227-2	DUP-01	Water	05/15/24 00:00	05/18/24 08:32
400-256227-3	MW-24	Water	05/15/24 00:00	05/18/24 08:32
400-256227-4	MW-25	Water	05/15/24 00:00	05/18/24 08:32
400-256227-5	MW-26	Water	05/15/24 00:00	05/18/24 08:32
400-256227-6	MW-27	Water	05/15/24 00:00	05/18/24 08:32
400-256227-7	MW-28	Water	05/15/24 00:00	05/18/24 08:32
400-256227-8	MW-30	Water	05/15/24 00:00	05/18/24 08:32



Client Sample Results

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

Job ID: 400-256227-1

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

Lab Sample ID: 400-256227-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 08:41	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 08:41	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 08:41	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 08:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		72 - 130		05/22/24 08:41	1
Dibromofluoromethane	100		75 - 126		05/22/24 08:41	1
Toluene-d8 (Surr)	101		64 - 132		05/22/24 08:41	1

Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: DUP-01

Lab Sample ID: 400-256227-2

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.4		0.020	0.010	mg/L			05/22/24 12:21	20
Ethylbenzene	0.70		0.020	0.010	mg/L			05/22/24 12:21	20
Toluene	0.069		0.020	0.018	mg/L			05/22/24 12:21	20
Xylenes, Total	4.4		0.20	0.032	mg/L			05/22/24 12:21	20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130					05/22/24 12:21	20
Dibromofluoromethane	101		75 - 126					05/22/24 12:21	20
Toluene-d8 (Surr)	102		64 - 132					05/22/24 12:21	20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		50	13	mg/L			05/20/24 21:13	50
Nitrate as N	0.13	U H H3	0.20	0.13	mg/L			05/19/24 16:39	2
Nitrate Nitrite as N	0.13	U H H3	0.20	0.13	mg/L			05/19/24 16:39	2
Sulfate	1700		50	20	mg/L			05/20/24 21:13	50
Nitrite as N	0.17	U H H3	0.20	0.17	mg/L			05/19/24 16:39	2

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/22/24 07:29	05/22/24 17:19	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/22/24 07:29	05/22/24 17:19	1
Barium, Dissolved	0.021		0.010	0.0044	mg/L		05/22/24 07:29	05/22/24 17:19	1
Boron, Dissolved	1.1		0.10	0.027	mg/L		05/22/24 07:29	05/22/24 17:19	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/22/24 07:29	05/22/24 17:19	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/22/24 07:29	05/22/24 17:19	1
Cobalt, Dissolved	0.0014	U	0.010	0.0014	mg/L		05/22/24 07:29	05/22/24 17:19	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/22/24 07:29	05/22/24 17:19	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/22/24 07:29	05/22/24 17:19	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/22/24 07:29	05/22/24 17:19	1
Manganese, Dissolved	0.16		0.010	0.0013	mg/L		05/22/24 07:29	05/22/24 17:19	1
Molybdenum, Dissolved	0.0012	U	0.010	0.0012	mg/L		05/22/24 07:29	05/22/24 17:19	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/22/24 07:29	05/22/24 17:19	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/22/24 07:29	05/22/24 17:19	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/22/24 07:29	05/22/24 17:19	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/22/24 07:29	05/22/24 17:19	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/23/24 13:20	05/23/24 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	2900		1.0	0.50	mg/L			05/23/24 13:57	1
Total Dissolved Solids (SM 2540C)	6800		50	50	mg/L			05/21/24 17:46	1

Eurofins Pensacola

Client Sample Results

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

Job ID: 400-256227-1

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

Lab Sample ID: 400-256227-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 09:30	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 09:30	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 09:30	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 09:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130		05/22/24 09:30	1
Dibromofluoromethane	101		75 - 126		05/22/24 09:30	1
Toluene-d8 (Surr)	102		64 - 132		05/22/24 09:30	1

Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: MW-25
Date Collected: 05/15/24 00:00
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256227-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 09:06	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 09:06	1
Toluene	0.00090	U F1	0.0010	0.00090	mg/L			05/22/24 09:06	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		05/22/24 09:06	1
Dibromofluoromethane	103		75 - 126		05/22/24 09:06	1
Toluene-d8 (Surr)	101		64 - 132		05/22/24 09:06	1

Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: MW-26
Date Collected: 05/15/24 00:00
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256227-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0015		0.0010	0.00050	mg/L			05/22/24 09:55	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 09:55	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 09:55	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130					05/22/24 09:55	1
Dibromofluoromethane	102		75 - 126					05/22/24 09:55	1
Toluene-d8 (Surr)	103		64 - 132					05/22/24 09:55	1

Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: MW-27

Lab Sample ID: 400-256227-6

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 10:19	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 10:19	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 10:19	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 10:19	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130					05/22/24 10:19	1
Dibromofluoromethane	100		75 - 126					05/22/24 10:19	1
Toluene-d8 (Surr)	102		64 - 132					05/22/24 10:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		50	13	mg/L			05/20/24 21:21	50
Nitrate as N	1.1	H H3	0.20	0.13	mg/L			05/19/24 16:48	2
Nitrate Nitrite as N	1.1	H H3	0.20	0.13	mg/L			05/19/24 16:48	2
Nitrite as N	0.17	U H H3	0.20	0.17	mg/L			05/19/24 16:48	2

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	13000		500	200	mg/L			05/21/24 22:55	500

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.27	U	1.0	0.27	mg/L		05/22/24 07:29	05/23/24 12:30	5
Arsenic, Dissolved	0.032	U	0.10	0.032	mg/L		05/22/24 07:29	05/23/24 12:30	5
Barium, Dissolved	0.022	U	0.050	0.022	mg/L		05/22/24 07:29	05/23/24 12:30	5
Boron, Dissolved	1.2		0.50	0.14	mg/L		05/22/24 07:29	05/23/24 12:30	5
Cadmium, Dissolved	0.0022	U	0.025	0.0022	mg/L		05/22/24 07:29	05/23/24 12:30	5
Chromium, Dissolved	0.0055	U	0.050	0.0055	mg/L		05/22/24 07:29	05/23/24 12:30	5
Cobalt, Dissolved	0.056		0.050	0.0070	mg/L		05/22/24 07:29	05/23/24 12:30	5
Copper, Dissolved	0.016	U	0.10	0.016	mg/L		05/22/24 07:29	05/23/24 12:30	5
Iron, Dissolved	0.86		0.50	0.10	mg/L		05/22/24 07:29	05/23/24 12:30	5
Lead, Dissolved	0.033	U	0.050	0.033	mg/L		05/22/24 07:29	05/23/24 12:30	5
Manganese, Dissolved	8.0		0.050	0.0065	mg/L		05/22/24 07:29	05/23/24 12:30	5
Molybdenum, Dissolved	0.0060	U	0.050	0.0060	mg/L		05/22/24 07:29	05/23/24 12:30	5
Nickel, Dissolved	0.096	J	0.20	0.017	mg/L		05/22/24 07:29	05/23/24 12:30	5
Selenium, Dissolved	0.050	U	0.10	0.050	mg/L		05/22/24 07:29	05/23/24 12:30	5
Silver, Dissolved	0.0075	U	0.050	0.0075	mg/L		05/22/24 07:29	05/23/24 12:30	5
Zinc, Dissolved	0.079	J	0.10	0.044	mg/L		05/22/24 07:29	05/23/24 12:30	5

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/23/24 13:20	05/23/24 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	860		1.0	0.50	mg/L			05/22/24 15:50	1
Total Dissolved Solids (SM 2540C)	14000		250	250	mg/L			05/21/24 17:46	1

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Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: MW-28

Lab Sample ID: 400-256227-7

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.4		0.020	0.010	mg/L			05/22/24 12:45	20
Ethylbenzene	0.69		0.020	0.010	mg/L			05/22/24 12:45	20
Toluene	0.073		0.020	0.018	mg/L			05/22/24 12:45	20
Xylenes, Total	4.4		0.20	0.032	mg/L			05/22/24 12:45	20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					05/22/24 12:45	20
Dibromofluoromethane	101		75 - 126					05/22/24 12:45	20
Toluene-d8 (Surr)	101		64 - 132					05/22/24 12:45	20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	760		50	13	mg/L			05/20/24 21:30	50
Nitrate as N	0.13	U H H3	0.20	0.13	mg/L			05/19/24 16:56	2
Nitrate Nitrite as N	0.13	U H H3	0.20	0.13	mg/L			05/19/24 16:56	2
Sulfate	1900		50	20	mg/L			05/20/24 21:30	50
Nitrite as N	0.17	U H H3	0.20	0.17	mg/L			05/19/24 16:56	2

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/22/24 07:29	05/22/24 17:29	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/22/24 07:29	05/22/24 17:29	1
Barium, Dissolved	0.019		0.010	0.0044	mg/L		05/22/24 07:29	05/22/24 17:29	1
Boron, Dissolved	1.0		0.10	0.027	mg/L		05/22/24 07:29	05/22/24 17:29	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/22/24 07:29	05/22/24 17:29	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/22/24 07:29	05/22/24 17:29	1
Cobalt, Dissolved	0.0014	U	0.010	0.0014	mg/L		05/22/24 07:29	05/22/24 17:29	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/22/24 07:29	05/22/24 17:29	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/22/24 07:29	05/22/24 17:29	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/22/24 07:29	05/22/24 17:29	1
Manganese, Dissolved	0.14		0.010	0.0013	mg/L		05/22/24 07:29	05/22/24 17:29	1
Molybdenum, Dissolved	0.0015	J	0.010	0.0012	mg/L		05/22/24 07:29	05/22/24 17:29	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/22/24 07:29	05/22/24 17:29	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/22/24 07:29	05/22/24 17:29	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/22/24 07:29	05/22/24 17:29	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/22/24 07:29	05/22/24 17:29	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/23/24 13:20	05/23/24 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	2900		1.0	0.50	mg/L			05/23/24 14:10	1
Total Dissolved Solids (SM 2540C)	6600		50	50	mg/L			05/21/24 17:46	1

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Client Sample Results

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

Job ID: 400-256227-1

Client Sample ID: MW-30

Lab Sample ID: 400-256227-8

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 10:43	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 10:43	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 10:43	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 10:43	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		72 - 130					05/22/24 10:43	1
Dibromofluoromethane	101		75 - 126					05/22/24 10:43	1
Toluene-d8 (Surr)	102		64 - 132					05/22/24 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		50	13	mg/L			05/20/24 21:38	50
Nitrate as N	89	H H3	5.0	3.2	mg/L			05/20/24 21:38	50
Nitrate Nitrite as N	98	H H3	5.0	3.2	mg/L			05/20/24 21:38	50
Nitrite as N	9.3	H H3	5.0	4.2	mg/L			05/20/24 21:38	50

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6300		200	78	mg/L			05/21/24 23:04	200

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/22/24 07:29	05/22/24 17:22	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/22/24 07:29	05/22/24 17:22	1
Barium, Dissolved	0.0098	J	0.010	0.0044	mg/L		05/22/24 07:29	05/22/24 17:22	1
Boron, Dissolved	0.41		0.10	0.027	mg/L		05/22/24 07:29	05/22/24 17:22	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/22/24 07:29	05/22/24 17:22	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/22/24 07:29	05/22/24 17:22	1
Cobalt, Dissolved	0.0014	U	0.010	0.0014	mg/L		05/22/24 07:29	05/22/24 17:22	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/22/24 07:29	05/22/24 17:22	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/22/24 07:29	05/22/24 17:22	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/22/24 07:29	05/22/24 17:22	1
Manganese, Dissolved	0.38		0.010	0.0013	mg/L		05/22/24 07:29	05/22/24 17:22	1
Molybdenum, Dissolved	0.027		0.010	0.0012	mg/L		05/22/24 07:29	05/22/24 17:22	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/22/24 07:29	05/22/24 17:22	1
Selenium, Dissolved	0.56		0.020	0.010	mg/L		05/22/24 07:29	05/22/24 17:22	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/22/24 07:29	05/22/24 17:22	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/22/24 07:29	05/22/24 17:22	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/23/24 13:20	05/23/24 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	170		1.0	0.50	mg/L			05/22/24 16:11	1
Total Dissolved Solids (SM 2540C)	9800		130	130	mg/L			05/21/24 17:46	1

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Definitions/Glossary

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

Job ID: 400-256227-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

Metals

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.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
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

Job ID: 400-256227-1

Method: 8260D - Volatile Organic Compounds by GC/MS**Matrix: Water****Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	TOL
		(72-130)	(75-126)	(64-132)
400-256227-1	TB-01	109	100	101
400-256227-2	DUP-01	107	101	102
400-256227-3	MW-24	107	101	102
400-256227-4	MW-25	108	103	101
400-256227-4 MS	MW-25	105	100	103
400-256227-4 MSD	MW-25	105	98	104
400-256227-5	MW-26	108	102	103
400-256227-6	MW-27	107	100	102
400-256227-7	MW-28	106	101	101
400-256227-8	MW-30	110	101	102
LCS 400-672311/1002	Lab Control Sample	106	100	103
MB 400-672311/4	Method Blank	109	100	100

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: TB-01**Lab Sample ID: 400-256227-1****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 08:41	WPD	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-256227-2****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	672311	05/22/24 12:21	WPD	EET PEN
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	672000	05/19/24 16:39	AMM	EET PEN
Total/NA	Analysis	300.0		50			672146	05/20/24 21:13	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Dissolved	Analysis	6010D		1			839425	05/22/24 17:19	BCB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Dissolved	Analysis	7470A		1			839680	05/23/24 18:00	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672562	05/23/24 13:57	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: MW-24**Lab Sample ID: 400-256227-3****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 09:30	WPD	EET PEN

Client Sample ID: MW-25**Lab Sample ID: 400-256227-4****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 09:06	WPD	EET PEN

Client Sample ID: MW-26**Lab Sample ID: 400-256227-5****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 09:55	WPD	EET PEN

Client Sample ID: MW-27**Lab Sample ID: 400-256227-6****Date Collected: 05/15/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 10:19	WPD	EET PEN
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	672000	05/19/24 16:48	AMM	EET PEN

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Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: MW-27

Lab Sample ID: 400-256227-6

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			672146	05/20/24 21:21	AMM	EET PEN
Total/NA	Analysis	300.0	DL	500			672294	05/21/24 22:55	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Dissolved	Analysis	6010D		5			839530	05/23/24 12:30	BCB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Dissolved	Analysis	7470A		1			839680	05/23/24 18:02	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 15:50	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	1 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: MW-28

Lab Sample ID: 400-256227-7

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	672311	05/22/24 12:45	WPD	EET PEN
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	672000	05/19/24 16:56	AMM	EET PEN
Total/NA	Analysis	300.0		50			672146	05/20/24 21:30	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Dissolved	Analysis	6010D		1			839425	05/22/24 17:29	BCB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Dissolved	Analysis	7470A		1			839680	05/23/24 18:04	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672562	05/23/24 14:10	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: MW-30

Lab Sample ID: 400-256227-8

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 10:43	WPD	EET PEN
Total/NA	Analysis	300.0		50			672146	05/20/24 21:38	AMM	EET PEN
Total/NA	Analysis	300.0		50			672148	05/20/24 21:38	AMM	EET PEN
Total/NA	Analysis	300.0	DL	200			672294	05/21/24 23:04	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Dissolved	Analysis	6010D		1			839425	05/22/24 17:22	BCB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Dissolved	Analysis	7470A		1			839680	05/23/24 18:06	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 16:11	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	2 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672000/5****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			672000	05/19/24 14:31	AMM	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672146/5****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			672146	05/20/24 18:39	AMM	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672148/5****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			672148	05/20/24 18:39	AMM	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672292/1****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672294/5****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			672294	05/21/24 21:05	AMM	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672311/4****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 08:17	WPD	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672493/1****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 14:51	JP	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672562/1****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 2320B		1	50 mL	50 mL	672562	05/23/24 13:38	JP	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 680-839159/1-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			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Total Recoverable	Analysis	6010D		1			839425	05/22/24 16:39	BCB	EET SAV

Client Sample ID: Method Blank**Lab Sample ID: MB 680-839483/1-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/NA	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Total/NA	Analysis	7470A		1			839680	05/23/24 17:33	BCB	EET SAV

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672000/6****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			672000	05/19/24 14:40	AMM	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672146/6****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			672146	05/20/24 18:48	AMM	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672148/6****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			672148	05/20/24 18:48	AMM	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672292/2****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	672292	05/21/24 17:46	HA	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672294/6****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			672294	05/21/24 21:13	AMM	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672311/1002****Date Collected: N/A****Matrix: Water****Date Received: N/A**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 07:19	WPD	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672493/3****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	50 mL	50 mL	672493	05/22/24 15:02	JP	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672562/3****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	50 mL	50 mL	672562	05/23/24 13:47	JP	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 680-839159/2-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			25 mL	25 mL	839159	05/22/24 07:29	RR	EET SAV
Total Recoverable	Analysis	6010D		1			839425	05/22/24 16:42	BCB	EET SAV

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 680-839483/2-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/NA	Prep	7470A			50 mL	50 mL	839483	05/23/24 13:20	RS	EET SAV
Total/NA	Analysis	7470A		1			839680	05/23/24 17:35	BCB	EET SAV

Client Sample ID: Lab Control Sample Dup**Lab Sample ID: LCSD 400-672000/7****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			672000	05/19/24 14:48	AMM	EET PEN

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Lab Chronicle

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

Job ID: 400-256227-1

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672146/7

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			672146	05/20/24 18:56	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672148/7

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			672148	05/20/24 18:56	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672294/7

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			672294	05/21/24 21:22	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672562/4

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	50 mL	50 mL	672562	05/23/24 13:51	JP	EET PEN

Client Sample ID: MW-25

Lab Sample ID: 400-256227-4 MS

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 13:34	WPD	EET PEN

Client Sample ID: MW-25

Lab Sample ID: 400-256227-4 MSD

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672311	05/22/24 13:59	WPD	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-256227-2 DU

Date Collected: 05/15/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672562	05/23/24 14:04	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	5 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256227-1

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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QC Association Summary

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

Job ID: 400-256227-1

GC/MS VOA

Analysis Batch: 672311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-1	TB-01	Total/NA	Water	8260D	
400-256227-2	DUP-01	Total/NA	Water	8260D	
400-256227-3	MW-24	Total/NA	Water	8260D	
400-256227-4	MW-25	Total/NA	Water	8260D	
400-256227-5	MW-26	Total/NA	Water	8260D	
400-256227-6	MW-27	Total/NA	Water	8260D	
400-256227-7	MW-28	Total/NA	Water	8260D	
400-256227-8	MW-30	Total/NA	Water	8260D	
MB 400-672311/4	Method Blank	Total/NA	Water	8260D	
LCS 400-672311/1002	Lab Control Sample	Total/NA	Water	8260D	
400-256227-4 MS	MW-25	Total/NA	Water	8260D	
400-256227-4 MSD	MW-25	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 672000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Total/NA	Water	300.0	
400-256227-6	MW-27	Total/NA	Water	300.0	
400-256227-7	MW-28	Total/NA	Water	300.0	
MB 400-672000/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672000/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672000/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 672146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Total/NA	Water	300.0	
400-256227-6	MW-27	Total/NA	Water	300.0	
400-256227-7	MW-28	Total/NA	Water	300.0	
400-256227-8	MW-30	Total/NA	Water	300.0	
MB 400-672146/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672146/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672146/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 672148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-8	MW-30	Total/NA	Water	300.0	
MB 400-672148/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672148/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672148/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 672294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-6 - DL	MW-27	Total/NA	Water	300.0	
400-256227-8 - DL	MW-30	Total/NA	Water	300.0	
MB 400-672294/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672294/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672294/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Eurofins Pensacola

QC Association Summary

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

Job ID: 400-256227-1

Metals

Prep Batch: 839159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Dissolved	Water	3005A	
400-256227-6	MW-27	Dissolved	Water	3005A	
400-256227-7	MW-28	Dissolved	Water	3005A	
400-256227-8	MW-30	Dissolved	Water	3005A	
MB 680-839159/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-839159/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 839425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Dissolved	Water	6010D	839159
400-256227-7	MW-28	Dissolved	Water	6010D	839159
400-256227-8	MW-30	Dissolved	Water	6010D	839159
MB 680-839159/1-A	Method Blank	Total Recoverable	Water	6010D	839159
LCS 680-839159/2-A	Lab Control Sample	Total Recoverable	Water	6010D	839159

Prep Batch: 839483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Dissolved	Water	7470A	
400-256227-6	MW-27	Dissolved	Water	7470A	
400-256227-7	MW-28	Dissolved	Water	7470A	
400-256227-8	MW-30	Dissolved	Water	7470A	
MB 680-839483/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-839483/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 839530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-6	MW-27	Dissolved	Water	6010D	839159

Analysis Batch: 839680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Dissolved	Water	7470A	839483
400-256227-6	MW-27	Dissolved	Water	7470A	839483
400-256227-7	MW-28	Dissolved	Water	7470A	839483
400-256227-8	MW-30	Dissolved	Water	7470A	839483
MB 680-839483/1-A	Method Blank	Total/NA	Water	7470A	839483
LCS 680-839483/2-A	Lab Control Sample	Total/NA	Water	7470A	839483

General Chemistry

Analysis Batch: 672292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Total/NA	Water	SM 2540C	
400-256227-6	MW-27	Total/NA	Water	SM 2540C	
400-256227-7	MW-28	Total/NA	Water	SM 2540C	
400-256227-8	MW-30	Total/NA	Water	SM 2540C	
MB 400-672292/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-672292/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-256227-2 DU	DUP-01	Total/NA	Water	SM 2540C	

Eurofins Pensacola

QC Association Summary

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

Job ID: 400-256227-1

General Chemistry

Analysis Batch: 672493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-6	MW-27	Total/NA	Water	SM 2320B	
400-256227-8	MW-30	Total/NA	Water	SM 2320B	
MB 400-672493/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-672493/3	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 672562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256227-2	DUP-01	Total/NA	Water	SM 2320B	
400-256227-7	MW-28	Total/NA	Water	SM 2320B	
MB 400-672562/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-672562/3	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 400-672562/4	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
400-256227-2 DU	DUP-01	Total/NA	Water	SM 2320B	

QC Sample Results

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

Job ID: 400-256227-1

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

Lab Sample ID: MB 400-672311/4

Matrix: Water

Analysis Batch: 672311

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 08:17	1
Ethylbenzene	0.00050	U	0.0010	0.00050	mg/L			05/22/24 08:17	1
Toluene	0.00090	U	0.0010	0.00090	mg/L			05/22/24 08:17	1
Xylenes, Total	0.0016	U	0.010	0.0016	mg/L			05/22/24 08:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		72 - 130		05/22/24 08:17	1
Dibromofluoromethane	100		75 - 126		05/22/24 08:17	1
Toluene-d8 (Surr)	100		64 - 132		05/22/24 08:17	1

Lab Sample ID: LCS 400-672311/1002

Matrix: Water

Analysis Batch: 672311

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	0.0407		mg/L		81	70 - 130
Ethylbenzene	0.0500	0.0455		mg/L		91	70 - 130
Toluene	0.0500	0.0426		mg/L		85	70 - 130
Xylenes, Total	0.100	0.0930		mg/L		93	70 - 130
m-Xylene & p-Xylene	0.0500	0.0467		mg/L		93	70 - 130
o-Xylene	0.0500	0.0463		mg/L		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		72 - 130
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	103		64 - 132

Lab Sample ID: 400-256227-4 MS

Matrix: Water

Analysis Batch: 672311

Client Sample ID: MW-25

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00050	U	0.0500	0.0336		mg/L		67	56 - 142
Ethylbenzene	0.00050	U	0.0500	0.0298		mg/L		60	58 - 131
Toluene	0.00090	U F1	0.0500	0.0309	F1	mg/L		62	65 - 130
Xylenes, Total	0.0016	U	0.100	0.0610		mg/L		61	59 - 130
m-Xylene & p-Xylene	0.00063	U	0.0500	0.0309		mg/L		62	57 - 130
o-Xylene	0.00060	U F1	0.0500	0.0301	F1	mg/L		60	61 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	105		72 - 130
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	103		64 - 132

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256227-1

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

Lab Sample ID: 400-256227-4 MSD

Matrix: Water

Analysis Batch: 672311

Client Sample ID: MW-25

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00050	U	0.0500	0.0378		mg/L		76	56 - 142	12	30
Ethylbenzene	0.00050	U	0.0500	0.0367		mg/L		73	58 - 131	21	30
Toluene	0.00090	U F1	0.0500	0.0365		mg/L		73	65 - 130	17	30
Xylenes, Total	0.0016	U	0.100	0.0727		mg/L		73	59 - 130	17	30
m-Xylene & p-Xylene	0.00063	U	0.0500	0.0364		mg/L		73	57 - 130	16	30
o-Xylene	0.00060	U F1	0.0500	0.0364		mg/L		73	61 - 130	19	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	105		72 - 130
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	104		64 - 132

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-672000/5

Matrix: Water

Analysis Batch: 672000

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			05/19/24 14:31	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			05/19/24 14:31	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/19/24 14:31	1

Lab Sample ID: LCS 400-672000/6

Matrix: Water

Analysis Batch: 672000

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	2.44		mg/L		108	90 - 110
Nitrate Nitrite as N	5.30	5.71		mg/L		108	90 - 110
Nitrite as N	3.04	3.27		mg/L		108	90 - 110

Lab Sample ID: LCSD 400-672000/7

Matrix: Water

Analysis Batch: 672000

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	2.47		mg/L		109	90 - 110	1	15
Nitrate Nitrite as N	5.30	5.76		mg/L		109	90 - 110	1	15
Nitrite as N	3.04	3.29		mg/L		108	90 - 110	1	15

Lab Sample ID: MB 400-672146/5

Matrix: Water

Analysis Batch: 672146

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	1.0	0.25	mg/L			05/20/24 18:39	1
Sulfate	0.39	U	1.0	0.39	mg/L			05/20/24 18:39	1

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256227-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-672146/6

Matrix: Water

Analysis Batch: 672146

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	9.64		mg/L		96	90 - 110
Sulfate	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 400-672146/7

Matrix: Water

Analysis Batch: 672146

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	9.54		mg/L		95	90 - 110	1	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	0	15

Lab Sample ID: MB 400-672148/5

Matrix: Water

Analysis Batch: 672148

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			05/20/24 18:39	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			05/20/24 18:39	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/20/24 18:39	1

Lab Sample ID: LCS 400-672148/6

Matrix: Water

Analysis Batch: 672148

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	2.34		mg/L		103	90 - 110
Nitrate Nitrite as N	5.30	5.53		mg/L		104	90 - 110
Nitrite as N	3.04	3.19		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-672148/7

Matrix: Water

Analysis Batch: 672148

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	2.38		mg/L		106	90 - 110	2	15
Nitrate Nitrite as N	5.30	5.61		mg/L		106	90 - 110	1	15
Nitrite as N	3.04	3.23		mg/L		106	90 - 110	1	15

Lab Sample ID: MB 400-672294/5

Matrix: Water

Analysis Batch: 672294

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	1.0	0.25	mg/L			05/21/24 21:05	1
Sulfate	0.39	U	1.0	0.39	mg/L			05/21/24 21:05	1

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256227-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-672294/6

Matrix: Water

Analysis Batch: 672294

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	9.52		mg/L		95	90 - 110
Sulfate	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 400-672294/7

Matrix: Water

Analysis Batch: 672294

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	9.52		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.7		mg/L		107	90 - 110	5	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 680-839159/1-A

Matrix: Water

Analysis Batch: 839425

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 839159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/22/24 07:29	05/22/24 16:39	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/22/24 07:29	05/22/24 16:39	1
Barium, Dissolved	0.0044	U	0.010	0.0044	mg/L		05/22/24 07:29	05/22/24 16:39	1
Boron, Dissolved	0.027	U	0.10	0.027	mg/L		05/22/24 07:29	05/22/24 16:39	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/22/24 07:29	05/22/24 16:39	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/22/24 07:29	05/22/24 16:39	1
Cobalt, Dissolved	0.0014	U	0.010	0.0014	mg/L		05/22/24 07:29	05/22/24 16:39	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/22/24 07:29	05/22/24 16:39	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/22/24 07:29	05/22/24 16:39	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/22/24 07:29	05/22/24 16:39	1
Manganese, Dissolved	0.0013	U	0.010	0.0013	mg/L		05/22/24 07:29	05/22/24 16:39	1
Molybdenum, Dissolved	0.0012	U	0.010	0.0012	mg/L		05/22/24 07:29	05/22/24 16:39	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/22/24 07:29	05/22/24 16:39	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/22/24 07:29	05/22/24 16:39	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/22/24 07:29	05/22/24 16:39	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/22/24 07:29	05/22/24 16:39	1

Lab Sample ID: LCS 680-839159/2-A

Matrix: Water

Analysis Batch: 839425

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 839159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum, Dissolved	5.05	5.12		mg/L		101	80 - 120
Arsenic, Dissolved	0.100	0.106		mg/L		106	80 - 120
Barium, Dissolved	0.100	0.106		mg/L		106	80 - 120
Boron, Dissolved	0.400	0.394		mg/L		98	80 - 120
Cadmium, Dissolved	0.0500	0.0534		mg/L		107	80 - 120
Chromium, Dissolved	0.100	0.104		mg/L		104	80 - 120
Cobalt, Dissolved	0.0500	0.0533		mg/L		107	80 - 120
Copper, Dissolved	0.101	0.104		mg/L		102	80 - 120
Iron, Dissolved	4.99	4.90		mg/L		98	80 - 120

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256227-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-839159/2-A

Matrix: Water

Analysis Batch: 839425

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 839159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead, Dissolved	0.500	0.536		mg/L		107	80 - 120
Manganese, Dissolved	0.400	0.406		mg/L		101	80 - 120
Molybdenum, Dissolved	0.100	0.103		mg/L		103	80 - 120
Nickel, Dissolved	0.100	0.105		mg/L		105	80 - 120
Selenium, Dissolved	0.100	0.103		mg/L		103	80 - 120
Silver, Dissolved	0.0500	0.0482		mg/L		96	80 - 120
Zinc, Dissolved	0.0505	0.0492		mg/L		97	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-839483/1-A

Matrix: Water

Analysis Batch: 839680

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 839483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/23/24 13:20	05/23/24 17:33	1

Lab Sample ID: LCS 680-839483/2-A

Matrix: Water

Analysis Batch: 839680

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 839483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00250	0.00234		mg/L		94	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 400-672493/1

Matrix: Water

Analysis Batch: 672493

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			05/22/24 14:51	1

Lab Sample ID: LCS 400-672493/3

Matrix: Water

Analysis Batch: 672493

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	98.6		mg/L		99	80 - 120

Lab Sample ID: MB 400-672562/1

Matrix: Water

Analysis Batch: 672562

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			05/23/24 13:38	1

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256227-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 400-672562/3

Matrix: Water

Analysis Batch: 672562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	1060	981		mg/L		93	80 - 120

Lab Sample ID: LCSD 400-672562/4

Matrix: Water

Analysis Batch: 672562

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
Alkalinity, Total	1060	996		mg/L		94	80 - 120	2	

Lab Sample ID: 400-256227-2 DU

Matrix: Water

Analysis Batch: 672562

Client Sample ID: DUP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	2900		2890		mg/L		0.6	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-672292/1

Matrix: Water

Analysis Batch: 672292

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			05/21/24 17:46	1

Lab Sample ID: LCS 400-672292/2

Matrix: Water

Analysis Batch: 672292

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	278		mg/L		95	78 - 122

Lab Sample ID: 400-256227-2 DU

Matrix: Water

Analysis Batch: 672292

Client Sample ID: DUP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	6800		6340	F3	mg/L		6	5

Eurofins Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256227-1

SDG Number:

Login Number: 256227

List Number: 1

Creator: Perez, Trina M

List Source: Eurofins Pensacola

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.	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	0.0°C IR-8
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256227-1

SDG Number:

Login Number: 256227

List Number: 2

Creator: Faught, Timothy

List Source: Eurofins Savannah

List Creation: 05/21/24 12:29 PM

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	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	

Eurofins Pensacola

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: <i>Emma Brady</i>		Lab PM: Whitmire, Cheyenne R.		400-256227 COC		Carrier Tracking No(s):		COC No: 400-130516-39042.1	
Client Contact: Steve Varsa		Phone: <i>815-253-0835</i>		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1		ERR	
Company: Stantec Consulting Services, Inc.		PWSID:		Analysis Requested							
Address: 11311 Aurora Avenue		Due Date Requested: <i>STD</i>		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260B - BTEX 8260 300_ORGFW_28D, 300_ORGFWMS 6010B, 7470A 2320B - Alkalinity, Total (only) 2640C - TDS 8260D (MOD) BTEX 8260 Total Number of containers							
City: Des Moines		TAT Requested (days): <i>STD</i>									
State, Zip: IA, 50322-7904		Compliance Project: ☐ Yes ☐ No									
Phone:		PO #: WVD1040014									
Email: steve.varsa@stantec.com		WO #: San Juan River Plant_ERG_ARF_5-1-2024									
Project Name: San Juan River Plant RWIP		Project #: 40012762		Preservation Codes: N - None D - HNO3 A - HCL							
Site:		SSOW#:		Other:							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=oil, T=tissue, A=air)		Special Instructions/Note	
						Preservation Code:					
TB-01		5/15/2024		1730		G		Water		2 coolers	
Dup-01		5/15/2024		—		G		Water			
MW-24		5/15/2024		1740		G		Water			
MW-25		5/15/2024		1755		G		Water		MS/MSD	
MW-26		5/15/2024		1835		G		Water			
MW-27		5/15/2024		1850		G		Water			
MW-28		5/15/2024		1910		G		Water			
MW-30		5/15/2024		1935		G		Water			
ERB								Water			
								Water			
								Water			
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:				Date:		Time:		Method of Shipment:			
Relinquished by: <i>E. Brady</i>				Date/Time: 5/16/2024 0600		Company: STN		Received by: <i>Danmy Count</i>			
Relinquished by:				Date/Time:		Company:		Received by:			
Relinquished by:				Date/Time:		Company:		Received by:			
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>10°C CRB</i>							

Ver: 06/08/2021

Accreditation/Certification Summary

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

Job ID: 400-256227-1

Laboratory: Eurofins Pensacola

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

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

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-24
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas (DW)	State	GA00006	06-30-24
California	State	2939	06-30-24
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24
Georgia (DW)	State	803	06-30-24
Hawaii	State	<cert No.>	06-30-24
Illinois	NELAP	200022	11-30-24
Indiana	State	C-GA-02	06-30-24
Iowa	State	353	07-01-25
Kentucky (UST)	State	NA	06-30-24
Louisiana	NELAP	30690	06-30-24
Louisiana (All)	NELAP	30690	06-30-24
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-24
Massachusetts	State	M-GA006	06-30-24
Michigan	State	9925	06-30-24
Mississippi	State	<cert No.>	06-30-24
Nebraska	State	NE-OS-7-04	06-30-24
New Jersey	NELAP	GA769	06-30-24

Eurofins Pensacola

Accreditation/Certification Summary

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

Job ID: 400-256227-1

Laboratory: Eurofins Savannah (Continued)

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-24
North Carolina (DW)	State	13701	07-31-24
North Carolina (WW/SW)	State	269	12-31-24
Pennsylvania	NELAP	68-00474	06-30-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24
Tennessee	State	TN02961	06-30-24
Texas	NELAP	T1047004185	11-30-24
Texas	TCEQ Water Supply	T104704185	06-30-24
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-24
Wyoming	State	8TMS-L	06-30-24



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

San Juan River Plant

JOB NUMBER

400-256306-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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

Laboratory Job ID: 400-256306-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: San Juan River Plant

Job ID: 400-256306-1

Job ID: 400-256306-1

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Job Narrative
400-256306-1

Receipt

The samples were received on 5/21/2024 9:39 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.

HPLC/IC

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-24 (400-256306-1) and MW-25 (400-256306-2). Elevated reporting limits (RLs) are provided.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-672296 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0: Reanalysis of the following sample was performed outside of the analytical holding time due to dilution required : MW-24 (400-256306-1).

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.

General Chemistry

Methods 160.1, SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-672292 was outside control limits. Sample non-homogeneity is suspected.

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

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Detection Summary

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

Job ID: 400-256306-1

Client Sample ID: MW-24

Lab Sample ID: 400-256306-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	280	E	0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate as N	1.0	H	0.50	0.32	mg/L	5		300.0	Total/NA
Nitrate Nitrite as N	280	E	0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	1.0	H	0.50	0.32	mg/L	5		300.0	Total/NA
Barium, Dissolved	0.0098	J	0.010	0.0044	mg/L	1		6010D	Dissolved
Boron, Dissolved	1.2		0.10	0.027	mg/L	1		6010D	Dissolved
Cadmium, Dissolved	0.00058	J	0.0050	0.00044	mg/L	1		6010D	Dissolved
Cobalt, Dissolved	0.026		0.010	0.0014	mg/L	1		6010D	Dissolved
Manganese, Dissolved	9.2		0.010	0.0013	mg/L	1		6010D	Dissolved
Molybdenum, Dissolved	0.0089	J	0.010	0.0012	mg/L	1		6010D	Dissolved
Nickel, Dissolved	0.044		0.040	0.0033	mg/L	1		6010D	Dissolved
Zinc, Dissolved	0.017	J	0.020	0.0087	mg/L	1		6010D	Dissolved
Alkalinity, Total	760		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	13000		250	250	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-25

Lab Sample ID: 400-256306-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.4		0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	1.4		0.10	0.063	mg/L	1		300.0	Total/NA
Barium, Dissolved	0.012		0.010	0.0044	mg/L	1		6010D	Dissolved
Boron, Dissolved	0.74		0.10	0.027	mg/L	1		6010D	Dissolved
Cobalt, Dissolved	0.0029	J	0.010	0.0014	mg/L	1		6010D	Dissolved
Manganese, Dissolved	0.54		0.010	0.0013	mg/L	1		6010D	Dissolved
Molybdenum, Dissolved	0.030		0.010	0.0012	mg/L	1		6010D	Dissolved
Alkalinity, Total	940		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	8200		130	130	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-26

Lab Sample ID: 400-256306-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.5		0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	1.5		0.10	0.063	mg/L	1		300.0	Total/NA
Barium, Dissolved	0.010		0.010	0.0044	mg/L	1		6010D	Dissolved
Boron, Dissolved	1.0		0.10	0.027	mg/L	1		6010D	Dissolved
Cobalt, Dissolved	0.028		0.010	0.0014	mg/L	1		6010D	Dissolved
Iron, Dissolved	0.99		0.10	0.020	mg/L	1		6010D	Dissolved
Manganese, Dissolved	4.4		0.010	0.0013	mg/L	1		6010D	Dissolved
Nickel, Dissolved	0.043		0.040	0.0033	mg/L	1		6010D	Dissolved
Zinc, Dissolved	0.023		0.020	0.0087	mg/L	1		6010D	Dissolved
Alkalinity, Total	570		1.0	0.50	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	12000		250	250	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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Method Summary

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

Job ID: 400-256306-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET PEN
6010D	Metals (ICP)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
SM 2320B	Alkalinity	SM	EET PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

- EPA = US Environmental Protection Agency
- 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
- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 400-256306-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256306-1	MW-24	Water	05/20/24 14:08	05/21/24 09:39
400-256306-2	MW-25	Water	05/20/24 14:26	05/21/24 09:39
400-256306-3	MW-26	Water	05/20/24 14:35	05/21/24 09:39

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Client Sample Results

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

Job ID: 400-256306-1

Client Sample ID: MW-24

Lab Sample ID: 400-256306-1

Date Collected: 05/20/24 14:08

Matrix: Water

Date Received: 05/21/24 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	280	E	0.10	0.063	mg/L			05/21/24 22:04	1
Nitrate as N	1.0	H	0.50	0.32	mg/L			05/24/24 19:20	5
Nitrate Nitrite as N	280	E	0.10	0.063	mg/L			05/21/24 22:04	1
Nitrate Nitrite as N	1.0	H	0.50	0.32	mg/L			05/24/24 19:20	5
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/21/24 22:04	1
Nitrite as N	0.42	U H	0.50	0.42	mg/L			05/24/24 19:20	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/29/24 10:56	05/30/24 09:18	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/29/24 10:56	05/30/24 09:18	1
Barium, Dissolved	0.0098	J	0.010	0.0044	mg/L		05/29/24 10:56	05/30/24 09:18	1
Boron, Dissolved	1.2		0.10	0.027	mg/L		05/29/24 10:56	05/30/24 09:18	1
Cadmium, Dissolved	0.00058	J	0.0050	0.00044	mg/L		05/29/24 10:56	05/30/24 09:18	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/29/24 10:56	05/30/24 09:18	1
Cobalt, Dissolved	0.026		0.010	0.0014	mg/L		05/29/24 10:56	05/30/24 09:18	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/29/24 10:56	05/30/24 09:18	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/29/24 10:56	05/30/24 09:18	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/29/24 10:56	05/30/24 09:18	1
Manganese, Dissolved	9.2		0.010	0.0013	mg/L		05/29/24 10:56	05/30/24 09:18	1
Molybdenum, Dissolved	0.0089	J	0.010	0.0012	mg/L		05/29/24 10:56	05/30/24 09:18	1
Nickel, Dissolved	0.044		0.040	0.0033	mg/L		05/29/24 10:56	05/30/24 09:18	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/29/24 10:56	05/30/24 09:18	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/29/24 10:56	05/30/24 09:18	1
Zinc, Dissolved	0.017	J	0.020	0.0087	mg/L		05/29/24 10:56	05/30/24 09:18	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/28/24 10:29	05/28/24 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	760		1.0	0.50	mg/L			05/22/24 18:39	1
Total Dissolved Solids (SM 2540C)	13000		250	250	mg/L			05/21/24 17:46	1

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Client Sample Results

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

Job ID: 400-256306-1

Client Sample ID: MW-25

Lab Sample ID: 400-256306-2

Date Collected: 05/20/24 14:26

Matrix: Water

Date Received: 05/21/24 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.4		0.10	0.063	mg/L			05/21/24 22:13	1
Nitrate Nitrite as N	1.4		0.10	0.063	mg/L			05/21/24 22:13	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/21/24 22:13	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/29/24 10:56	05/30/24 09:20	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/29/24 10:56	05/30/24 09:20	1
Barium, Dissolved	0.012		0.010	0.0044	mg/L		05/29/24 10:56	05/30/24 09:20	1
Boron, Dissolved	0.74		0.10	0.027	mg/L		05/29/24 10:56	05/30/24 09:20	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/29/24 10:56	05/30/24 09:20	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/29/24 10:56	05/30/24 09:20	1
Cobalt, Dissolved	0.0029	J	0.010	0.0014	mg/L		05/29/24 10:56	05/30/24 09:20	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/29/24 10:56	05/30/24 09:20	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/29/24 10:56	05/30/24 09:20	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/29/24 10:56	05/30/24 09:20	1
Manganese, Dissolved	0.54		0.010	0.0013	mg/L		05/29/24 10:56	05/30/24 09:20	1
Molybdenum, Dissolved	0.030		0.010	0.0012	mg/L		05/29/24 10:56	05/30/24 09:20	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/29/24 10:56	05/30/24 09:20	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/29/24 10:56	05/30/24 09:20	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/29/24 10:56	05/30/24 09:20	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/29/24 10:56	05/30/24 09:20	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/28/24 10:29	05/28/24 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	940		1.0	0.50	mg/L			05/22/24 18:53	1
Total Dissolved Solids (SM 2540C)	8200		130	130	mg/L			05/21/24 17:46	1

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Client Sample Results

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

Job ID: 400-256306-1

Client Sample ID: MW-26

Lab Sample ID: 400-256306-3

Date Collected: 05/20/24 14:35

Matrix: Water

Date Received: 05/21/24 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.5		0.10	0.063	mg/L			05/21/24 22:21	1
Nitrate Nitrite as N	1.5		0.10	0.063	mg/L			05/21/24 22:21	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/21/24 22:21	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/29/24 10:56	05/30/24 09:23	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/29/24 10:56	05/30/24 09:23	1
Barium, Dissolved	0.010		0.010	0.0044	mg/L		05/29/24 10:56	05/30/24 09:23	1
Boron, Dissolved	1.0		0.10	0.027	mg/L		05/29/24 10:56	05/30/24 09:23	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/29/24 10:56	05/30/24 09:23	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/29/24 10:56	05/30/24 09:23	1
Cobalt, Dissolved	0.028		0.010	0.0014	mg/L		05/29/24 10:56	05/30/24 09:23	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/29/24 10:56	05/30/24 09:23	1
Iron, Dissolved	0.99		0.10	0.020	mg/L		05/29/24 10:56	05/30/24 09:23	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/29/24 10:56	05/30/24 09:23	1
Manganese, Dissolved	4.4		0.010	0.0013	mg/L		05/29/24 10:56	05/30/24 09:23	1
Molybdenum, Dissolved	0.0012	U	0.010	0.0012	mg/L		05/29/24 10:56	05/30/24 09:23	1
Nickel, Dissolved	0.043		0.040	0.0033	mg/L		05/29/24 10:56	05/30/24 09:23	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/29/24 10:56	05/30/24 09:23	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/29/24 10:56	05/30/24 09:23	1
Zinc, Dissolved	0.023		0.020	0.0087	mg/L		05/29/24 10:56	05/30/24 09:23	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/28/24 10:29	05/28/24 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	570		1.0	0.50	mg/L			05/22/24 19:04	1
Total Dissolved Solids (SM 2540C)	12000		250	250	mg/L			05/21/24 17:46	1

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Definitions/Glossary

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

Job ID: 400-256306-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

Metals

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.

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

Lab Chronicle

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

Job ID: 400-256306-1

Client Sample ID: MW-24

Lab Sample ID: 400-256306-1

Date Collected: 05/20/24 14:08

Matrix: Water

Date Received: 05/21/24 09:39

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			672296	05/21/24 22:04	AMM	EET PEN
Total/NA	Analysis	300.0		5			672768	05/24/24 19:20	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Dissolved	Analysis	6010D		1			840423	05/30/24 09:18	BJB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839931	05/28/24 10:29	RS	EET SAV
Dissolved	Analysis	7470A		1			840138	05/28/24 15:40	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 18:39	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	1 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: MW-25

Lab Sample ID: 400-256306-2

Date Collected: 05/20/24 14:26

Matrix: Water

Date Received: 05/21/24 09:39

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			672296	05/21/24 22:13	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Dissolved	Analysis	6010D		1			840423	05/30/24 09:20	BJB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839931	05/28/24 10:29	RS	EET SAV
Dissolved	Analysis	7470A		1			840138	05/28/24 15:44	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 18:53	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	2 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: MW-26

Lab Sample ID: 400-256306-3

Date Collected: 05/20/24 14:35

Matrix: Water

Date Received: 05/21/24 09:39

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			672296	05/21/24 22:21	AMM	EET PEN
Dissolved	Prep	3005A			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Dissolved	Analysis	6010D		1			840423	05/30/24 09:23	BJB	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	839931	05/28/24 10:29	RS	EET SAV
Dissolved	Analysis	7470A		1			840138	05/28/24 15:42	BCB	EET SAV
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	672493	05/22/24 19:04	JP	EET PEN
Total/NA	Analysis	SM 2540C		1	1 mL	50 mL	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-672292/1

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	672292	05/21/24 17:46	HA	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256306-1

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672296/5****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			672296	05/21/24 21:05	AMM	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672493/1****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 2320B		1	50 mL	50 mL	672493	05/22/24 14:51	JP	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672768/5****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			672768	05/24/24 18:28	AMM	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 680-839931/1-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/NA	Prep	7470A			50 mL	50 mL	839931	05/28/24 10:29	RS	EET SAV
Total/NA	Analysis	7470A		1			840138	05/28/24 15:07	BCB	EET SAV

Client Sample ID: Method Blank**Lab Sample ID: MB 680-840158/1-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			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Total Recoverable	Analysis	6010D		1			840423	05/30/24 09:10	BJB	EET SAV

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672292/2****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	672292	05/21/24 17:46	HA	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672296/6****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			672296	05/21/24 21:13	AMM	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256306-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-672493/3

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	50 mL	50 mL	672493	05/22/24 15:02	JP	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-672768/6

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			672768	05/24/24 18:37	AMM	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-839931/2-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/NA	Prep	7470A			50 mL	50 mL	839931	05/28/24 10:29	RS	EET SAV
Total/NA	Analysis	7470A		1			840138	05/28/24 15:09	BCB	EET SAV

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 680-840158/2-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			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Total Recoverable	Analysis	6010D		1			840423	05/30/24 09:13	BJB	EET SAV

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672296/7

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			672296	05/21/24 21:22	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672768/7

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	0 mL	1.0 mL	672768	05/24/24 18:45	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 680-840158/3-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			25 mL	25 mL	840158	05/29/24 10:56	RR	EET SAV
Total Recoverable	Analysis	6010D		1			840423	05/30/24 09:15	BJB	EET SAV

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-256306-1

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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QC Association Summary

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

Job ID: 400-256306-1

HPLC/IC

Analysis Batch: 672296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Total/NA	Water	300.0	
400-256306-2	MW-25	Total/NA	Water	300.0	
400-256306-3	MW-26	Total/NA	Water	300.0	
MB 400-672296/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672296/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672296/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 672768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Total/NA	Water	300.0	
MB 400-672768/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672768/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672768/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 839931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Dissolved	Water	7470A	
400-256306-2	MW-25	Dissolved	Water	7470A	
400-256306-3	MW-26	Dissolved	Water	7470A	
MB 680-839931/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-839931/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 840138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Dissolved	Water	7470A	839931
400-256306-2	MW-25	Dissolved	Water	7470A	839931
400-256306-3	MW-26	Dissolved	Water	7470A	839931
MB 680-839931/1-A	Method Blank	Total/NA	Water	7470A	839931
LCS 680-839931/2-A	Lab Control Sample	Total/NA	Water	7470A	839931

Prep Batch: 840158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Dissolved	Water	3005A	
400-256306-2	MW-25	Dissolved	Water	3005A	
400-256306-3	MW-26	Dissolved	Water	3005A	
MB 680-840158/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-840158/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 680-840158/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 840423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Dissolved	Water	6010D	840158
400-256306-2	MW-25	Dissolved	Water	6010D	840158
400-256306-3	MW-26	Dissolved	Water	6010D	840158
MB 680-840158/1-A	Method Blank	Total Recoverable	Water	6010D	840158
LCS 680-840158/2-A	Lab Control Sample	Total Recoverable	Water	6010D	840158
LCSD 680-840158/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010D	840158

Eurofins Pensacola

QC Association Summary

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

Job ID: 400-256306-1

General Chemistry

Analysis Batch: 672292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Total/NA	Water	SM 2540C	
400-256306-2	MW-25	Total/NA	Water	SM 2540C	
400-256306-3	MW-26	Total/NA	Water	SM 2540C	
MB 400-672292/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-672292/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 672493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Total/NA	Water	SM 2320B	
400-256306-2	MW-25	Total/NA	Water	SM 2320B	
400-256306-3	MW-26	Total/NA	Water	SM 2320B	
MB 400-672493/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-672493/3	Lab Control Sample	Total/NA	Water	SM 2320B	

QC Sample Results

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

Job ID: 400-256306-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-672296/5

Matrix: Water

Analysis Batch: 672296

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			05/21/24 21:05	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			05/21/24 21:05	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/21/24 21:05	1

Lab Sample ID: LCS 400-672296/6

Matrix: Water

Analysis Batch: 672296

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	2.37		mg/L		105	90 - 110
Nitrate Nitrite as N	5.30	5.59		mg/L		105	90 - 110
Nitrite as N	3.04	3.22		mg/L		106	90 - 110

Lab Sample ID: LCSD 400-672296/7

Matrix: Water

Analysis Batch: 672296

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	2.36		mg/L		104	90 - 110	1	15
Nitrate Nitrite as N	5.30	5.59		mg/L		105	90 - 110	0	15
Nitrite as N	3.04	3.23		mg/L		106	90 - 110	0	15

Lab Sample ID: MB 400-672768/5

Matrix: Water

Analysis Batch: 672768

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			05/24/24 18:28	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			05/24/24 18:28	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			05/24/24 18:28	1

Lab Sample ID: LCS 400-672768/6

Matrix: Water

Analysis Batch: 672768

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	2.37		mg/L		105	90 - 110
Nitrate Nitrite as N	5.30	5.57		mg/L		105	90 - 110
Nitrite as N	3.04	3.20		mg/L		105	90 - 110

Lab Sample ID: LCSD 400-672768/7

Matrix: Water

Analysis Batch: 672768

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	2.47		mg/L		109	90 - 110	4	15
Nitrate Nitrite as N	5.30	5.63		mg/L		106	90 - 110	1	15
Nitrite as N	3.04	3.16		mg/L		104	90 - 110	1	15

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256306-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 680-840158/1-A

Matrix: Water

Analysis Batch: 840423

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 840158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	0.054	U	0.20	0.054	mg/L		05/29/24 10:56	05/30/24 09:10	1
Arsenic, Dissolved	0.0064	U	0.020	0.0064	mg/L		05/29/24 10:56	05/30/24 09:10	1
Barium, Dissolved	0.0044	U	0.010	0.0044	mg/L		05/29/24 10:56	05/30/24 09:10	1
Boron, Dissolved	0.027	U	0.10	0.027	mg/L		05/29/24 10:56	05/30/24 09:10	1
Cadmium, Dissolved	0.00044	U	0.0050	0.00044	mg/L		05/29/24 10:56	05/30/24 09:10	1
Chromium, Dissolved	0.0011	U	0.010	0.0011	mg/L		05/29/24 10:56	05/30/24 09:10	1
Cobalt, Dissolved	0.0014	U	0.010	0.0014	mg/L		05/29/24 10:56	05/30/24 09:10	1
Copper, Dissolved	0.0032	U	0.020	0.0032	mg/L		05/29/24 10:56	05/30/24 09:10	1
Iron, Dissolved	0.020	U	0.10	0.020	mg/L		05/29/24 10:56	05/30/24 09:10	1
Lead, Dissolved	0.0066	U	0.010	0.0066	mg/L		05/29/24 10:56	05/30/24 09:10	1
Manganese, Dissolved	0.0013	U	0.010	0.0013	mg/L		05/29/24 10:56	05/30/24 09:10	1
Molybdenum, Dissolved	0.0012	U	0.010	0.0012	mg/L		05/29/24 10:56	05/30/24 09:10	1
Nickel, Dissolved	0.0033	U	0.040	0.0033	mg/L		05/29/24 10:56	05/30/24 09:10	1
Selenium, Dissolved	0.010	U	0.020	0.010	mg/L		05/29/24 10:56	05/30/24 09:10	1
Silver, Dissolved	0.0015	U	0.010	0.0015	mg/L		05/29/24 10:56	05/30/24 09:10	1
Zinc, Dissolved	0.0087	U	0.020	0.0087	mg/L		05/29/24 10:56	05/30/24 09:10	1

Lab Sample ID: LCS 680-840158/2-A

Matrix: Water

Analysis Batch: 840423

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 840158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum, Dissolved	5.05	5.00		mg/L		99	80 - 120
Arsenic, Dissolved	0.100	0.100		mg/L		100	80 - 120
Barium, Dissolved	0.100	0.101		mg/L		101	80 - 120
Boron, Dissolved	0.400	0.407		mg/L		102	80 - 120
Cadmium, Dissolved	0.0500	0.0518		mg/L		104	80 - 120
Chromium, Dissolved	0.100	0.100		mg/L		100	80 - 120
Cobalt, Dissolved	0.0500	0.0519		mg/L		104	80 - 120
Copper, Dissolved	0.101	0.101		mg/L		100	80 - 120
Iron, Dissolved	4.99	4.96		mg/L		99	80 - 120
Lead, Dissolved	0.500	0.517		mg/L		103	80 - 120
Manganese, Dissolved	0.400	0.392		mg/L		98	80 - 120
Molybdenum, Dissolved	0.100	0.102		mg/L		102	80 - 120
Nickel, Dissolved	0.100	0.100		mg/L		100	80 - 120
Selenium, Dissolved	0.100	0.0983		mg/L		98	80 - 120
Silver, Dissolved	0.0500	0.0482		mg/L		96	80 - 120
Zinc, Dissolved	0.0505	0.0493		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-840158/3-A

Matrix: Water

Analysis Batch: 840423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 840158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum, Dissolved	5.05	4.93		mg/L		98	80 - 120	1	20
Arsenic, Dissolved	0.100	0.101		mg/L		101	80 - 120	1	20
Barium, Dissolved	0.100	0.0999		mg/L		100	80 - 120	2	20
Boron, Dissolved	0.400	0.399		mg/L		100	80 - 120	2	20
Cadmium, Dissolved	0.0500	0.0509		mg/L		102	80 - 120	2	20

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-256306-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 680-840158/3-A

Matrix: Water

Analysis Batch: 840423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 840158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, Dissolved	0.100	0.0996		mg/L		99	80 - 120	0	20
Cobalt, Dissolved	0.0500	0.0509		mg/L		102	80 - 120	2	20
Copper, Dissolved	0.101	0.0997		mg/L		99	80 - 120	2	20
Iron, Dissolved	4.99	4.86		mg/L		97	80 - 120	2	20
Lead, Dissolved	0.500	0.506		mg/L		101	80 - 120	2	20
Manganese, Dissolved	0.400	0.390		mg/L		97	80 - 120	1	20
Molybdenum, Dissolved	0.100	0.0982		mg/L		98	80 - 120	4	20
Nickel, Dissolved	0.100	0.0996		mg/L		100	80 - 120	1	20
Selenium, Dissolved	0.100	0.0983		mg/L		98	80 - 120	0	20
Silver, Dissolved	0.0500	0.0476		mg/L		95	80 - 120	1	20
Zinc, Dissolved	0.0505	0.0481		mg/L		95	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-839931/1-A

Matrix: Water

Analysis Batch: 840138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 839931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.000080	U	0.00020	0.000080	mg/L		05/28/24 10:29	05/28/24 15:07	1

Lab Sample ID: LCS 680-839931/2-A

Matrix: Water

Analysis Batch: 840138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 839931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00250	0.00274		mg/L		110	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 400-672493/1

Matrix: Water

Analysis Batch: 672493

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			05/22/24 14:51	1

Lab Sample ID: LCS 400-672493/3

Matrix: Water

Analysis Batch: 672493

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	98.6		mg/L		99	80 - 120

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QC Sample Results

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

Job ID: 400-256306-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-672292/1
Matrix: Water
Analysis Batch: 672292

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			05/21/24 17:46	1

Lab Sample ID: LCS 400-672292/2
Matrix: Water
Analysis Batch: 672292

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	278		mg/L		95	78 - 122

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256306-1

Login Number: 256306

List Source: Eurofins Pensacola

List Number: 1

Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256306-1

Login Number: 256306

List Number: 2

Creator: Faught, Timothy

List Source: Eurofins Savannah

List Creation: 05/23/24 01:24 PM

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	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	

Year	Number of Publications
2014	14
2015	13
2016	12
2017	11
2018	10
2019	9
2020	8
2021	7



Environment Testing
TestAmerica

Pensacola

PS-SC-FM-005, Rev. 1
Effective Date: 10/6/2021
Page 1 of 1

Sample Control Checklist



400-256306 Login
PM: Whitmire, Cheyenne R
Company: Stantec Consulting Services, Inc.

Inspected by: BP DR

Labeled by: BP

Secondary Label Rev: _____

COC Signed/Dated: BP

COC Temp/IR Gun Listed: BP

Logged by: BP

Notes:

Company Confidential & Proprietary



Environment Testing
TestAmerica

/EXP 02/25

ORIGIN ID: PNSA (505) 675-0151
GUEST SEAN CLARY (STANTEC)
FARMINGTON COMFORT SUITES
1951 CORTLAND DR

SHIP DATE: 02MAY24
ACTWGT: 10.00 LB MAN
CAD: 0823943/CAFE3804

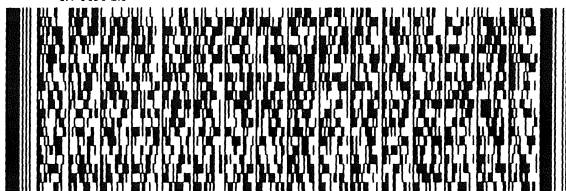
FARMINGTON, NM 87401
UNITED STATES US

TO SHIPPING MANAGER
TEST AMERICA PENSACOLA
3355 MCLEMORE DR
RETURNS
PENSACOLA FL 32514

(860) 474-1001

REF: S400-130463

RMA:



FedEx
Express



FedEx

TRK#
0221

7252 0542 4649

XH PNSA

TUE - 21 MAY 10:30A
PRIORITY OVERNIGHT

32514
FL BFM



#5013740 05/20 583J4/C458/9AE3

Eurofins Pensacola

3355 McLemore Drive

Pensacola, FL 32514

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-351779.1			
Client Contact: Shipping/Receiving		Phone:		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin: New Mexico		Page: Page 1 of 1			
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note):				Job #: 400-256306-1			
Address: 5102 LaRoche Avenue,		Due Date Requested: 6/3/2024		Analysis Requested						Preservation Codes:	
City: Savannah		TAT Requested (days):									
State, Zip: GA, 31404		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		6010D/FIELD_FLTRD NMWQCC Metals		7470A/FIELD_FLTRD Mercury (CVAA)	
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		WO #:		Project #: 40012762		Total Number of Containers		Other:			
Email:		SSOW#:									
Project Name: San Juan River Plant											
Site:											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/FIELD_FLTRD NMWQCC Metals	7470A/FIELD_FLTRD Mercury (CVAA)	Total Number of Containers	Special Instructions/Note:
				Preservation Code:							
MW-24 (400-256306-1)		5/20/24	14:08 Mountain	Water			X	X		1	
MW-25 (400-256306-2)		5/20/24	14:26 Mountain	Water			X	X		1	
MW-26 (400-256306-3)		5/20/24	14:35 Mountain	Water			X	X		1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by:		Date/Time: 5/22/24 1700 EST		Company:		Received by:		Date/Time: 5/23/24 929		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 16.1 16.2							

Accreditation/Certification Summary

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

Job ID: 400-256306-1

Laboratory: Eurofins Pensacola

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

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

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-24
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas (DW)	State	GA00006	06-30-24
California	State	2939	06-30-24
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24
Georgia (DW)	State	803	06-30-24
Hawaii	State	<cert No.>	06-30-24
Illinois	NELAP	200022	11-30-24
Indiana	State	C-GA-02	06-30-24
Iowa	State	353	07-01-25
Kentucky (UST)	State	NA	06-30-24
Louisiana	NELAP	30690	06-30-24
Louisiana (All)	NELAP	30690	06-30-24
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-24
Massachusetts	State	M-GA006	06-30-24
Michigan	State	9925	06-30-24
Mississippi	State	<cert No.>	06-30-24
Nebraska	State	NE-OS-7-04	06-30-24
New Jersey	NELAP	GA769	06-30-24

Eurofins Pensacola

Accreditation/Certification Summary

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

Job ID: 400-256306-1

Laboratory: Eurofins Savannah (Continued)

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-24
North Carolina (DW)	State	13701	07-31-24
North Carolina (WW/SW)	State	269	12-31-24
Pennsylvania	NELAP	68-00474	06-30-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24
Tennessee	State	TN02961	06-30-24
Texas	NELAP	T1047004185	11-30-24
Texas	TCEQ Water Supply	T104704185	06-30-24
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-24
Wyoming	State	8TMS-L	06-30-24



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/24/2025 2:43:22 PM

JOB DESCRIPTION

San Juan River Plant

JOB NUMBER

400-256306-2

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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2/24/2025 2:43:22 PM

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

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

Laboratory Job ID: 400-256306-2

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: San Juan River Plant

Job ID: 400-256306-2

Job ID: 400-256306-2

Eurofins Pensacola

Job Narrative
400-256306-2

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

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

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

Receipt

The samples were received on 5/21/2024 9:39 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.0°C.

HPLC/IC

Method 300_ORGFM_28D: Sample reported with E flags present per client request.

MW-24 (400-256306-1), MW-25 (400-256306-2) and MW-26 (400-256306-3)

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

Eurofins Pensacola

Detection Summary

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

Job ID: 400-256306-2

Client Sample ID: MW-24

Lab Sample ID: 400-256306-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	420	E	1.0	0.25	mg/L	1			300.0	Total/NA
Sulfate	2500	E	1.0	0.39	mg/L	1			300.0	Total/NA

Client Sample ID: MW-25

Lab Sample ID: 400-256306-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	590	E	1.0	0.25	mg/L	1			300.0	Total/NA
Sulfate	1900	E	1.0	0.39	mg/L	1			300.0	Total/NA

Client Sample ID: MW-26

Lab Sample ID: 400-256306-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	690	E	1.0	0.25	mg/L	1			300.0	Total/NA
Sulfate	2400	E	1.0	0.39	mg/L	1			300.0	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: 400-256306-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET PEN

Protocol References:

EPA = US Environmental Protection Agency

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: 400-256306-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256306-1	MW-24	Water	05/20/24 14:08	05/21/24 09:39
400-256306-2	MW-25	Water	05/20/24 14:26	05/21/24 09:39
400-256306-3	MW-26	Water	05/20/24 14:35	05/21/24 09:39

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Client Sample Results

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

Job ID: 400-256306-2

Client Sample ID: MW-24
Date Collected: 05/20/24 14:08
Date Received: 05/21/24 09:39

Lab Sample ID: 400-256306-1
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420	E	1.0	0.25	mg/L			05/21/24 22:04	1
Sulfate	2500	E	1.0	0.39	mg/L			05/21/24 22:04	1

Client Sample Results

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

Job ID: 400-256306-2

Client Sample ID: MW-25
Date Collected: 05/20/24 14:26
Date Received: 05/21/24 09:39

Lab Sample ID: 400-256306-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590	E	1.0	0.25	mg/L			05/21/24 22:13	1
Sulfate	1900	E	1.0	0.39	mg/L			05/21/24 22:13	1

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Client Sample Results

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

Job ID: 400-256306-2

Client Sample ID: MW-26
Date Collected: 05/20/24 14:35
Date Received: 05/21/24 09:39

Lab Sample ID: 400-256306-3
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690	E	1.0	0.25	mg/L			05/21/24 22:21	1
Sulfate	2400	E	1.0	0.39	mg/L			05/21/24 22:21	1

Definitions/Glossary

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

Job ID: 400-256306-2

Qualifiers

HPLC/IC

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

Lab Chronicle

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

Job ID: 400-256306-2

Client Sample ID: MW-24**Date Collected: 05/20/24 14:08****Date Received: 05/21/24 09:39****Lab Sample ID: 400-256306-1****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			672294	05/21/24 22:04	AMM	EET PEN

Client Sample ID: MW-25**Date Collected: 05/20/24 14:26****Date Received: 05/21/24 09:39****Lab Sample ID: 400-256306-2****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	300.0		1			672294	05/21/24 22:13	AMM	EET PEN

Client Sample ID: MW-26**Date Collected: 05/20/24 14:35****Date Received: 05/21/24 09:39****Lab Sample ID: 400-256306-3****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			672294	05/21/24 22:21	AMM	EET PEN

Client Sample ID: Method Blank**Date Collected: N/A****Date Received: N/A****Lab Sample ID: MB 400-672294/5****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			672294	05/21/24 21:05	AMM	EET PEN

Client Sample ID: Lab Control Sample**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCS 400-672294/6****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			672294	05/21/24 21:13	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup**Date Collected: N/A****Date Received: N/A****Lab Sample ID: LCSD 400-672294/7****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			672294	05/21/24 21:22	AMM	EET PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

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

Job ID: 400-256306-2

HPLC/IC

Analysis Batch: 672294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256306-1	MW-24	Total/NA	Water	300.0	
400-256306-2	MW-25	Total/NA	Water	300.0	
400-256306-3	MW-26	Total/NA	Water	300.0	
MB 400-672294/5	Method Blank	Total/NA	Water	300.0	
LCS 400-672294/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-672294/7	Lab Control Sample Dup	Total/NA	Water	300.0	

QC Sample Results

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

Job ID: 400-256306-2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-672294/5

Matrix: Water

Analysis Batch: 672294

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	1.0	0.25	mg/L			05/21/24 21:05	1
Sulfate	0.39	U	1.0	0.39	mg/L			05/21/24 21:05	1

Lab Sample ID: LCS 400-672294/6

Matrix: Water

Analysis Batch: 672294

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	9.52		mg/L		95	90 - 110
Sulfate	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 400-672294/7

Matrix: Water

Analysis Batch: 672294

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	9.52		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.7		mg/L		107	90 - 110	5	15

Eurofins Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256306-2

Login Number: 256306

List Source: Eurofins Pensacola

List Number: 1

Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

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

Job ID: 400-256306-2

Laboratory: Eurofins Pensacola

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

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

Eurofins Pensacola

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Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 498695

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 498695
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30 NMAC, update Stage 2 Abatement Plan dated January 2019. Plan will be submitted as a report by October 24, 2025, that meets all the requirements of 19.15.30.13 NMAC. Provide a copy of the Stage 2 Abatement Report by October 17, 2025, so OCD can update our Online records.	9/30/2025
shanna.smith	Transition from submitting semi-annual monitoring and sampling reports to submitting quarterly monitoring and sampling reports.	9/30/2025
shanna.smith	All wells, where LNAPL is not observed, will be sampled Quarterly. Operators may request to reduce monitor wells sampled pending future results.	9/30/2025
shanna.smith	Continue to manually bail and recover LNAPL.	9/30/2025
shanna.smith	Submit the 2025 Annual Report by April 1, 2025.	9/30/2025